

# Fisheries Production Statistics Of British Columbia 1984



Province of British Columbia  
Ministry of Environment  
**Fisheries Branch**

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FISHERIES PRODUCTION STATISTICS  
OF BRITISH COLUMBIA  
1984

Fisheries Branch  
Ministry of Environment  
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## FOREWORD

This is the fourth issue of the Fisheries Production Statistics of British Columbia to be published by the Province of British Columbia, Ministry of Environment. Prior to the 1981 edition, production statistics were published by the Department of Fisheries and Oceans dating back to 1951.

This report is a summary of fish production reported in the 1984 census of fish processing plants licenced in British Columbia. The format is similar to previous years in which the majority of the text and tables document data pertaining to fish landings and production. In addition, information relating to licencing within the fishing and fish processing sectors is also reported. A number of new tables have been included this year. They document historic information on the quantity of fresh and frozen dressed salmon production, the average prices of canned and fresh/frozen dressed salmon and over-the-side sales of hake to foreign countries. In addition, a table reporting the different product types of dressed salmon production by species in 1984 is included. The consumer price index for the years 1973 to 1984, to be used in conjunction with the Tables reporting historic average prices of major salmon products, is also presented.

A number of other changes have been made to this year's report. Table 8, which reports the landed and wholesale value of salmon by year, has traditionally included the wholesale value derived from canning salmon caught in the United States. This value has been removed from the Table. It now presents a more accurate representation of the relationship between the landed and wholesale values of salmon caught in B.C. waters. Also, for the first time, salmon roe production is broken down by species in Table 10 and chum salmon is categorized as silver brite, semi-brite and dark in Table 16. Finally, historic data is now presented in 12 year periods in order to compare catch and production statistics with natural salmon cycles.

It should be noted that all data on fish landings is provided by the Department of Fisheries and Oceans. 1984 data is in preliminary form.

All quantity data are presented in tonnes, except where otherwise indicated, and values are shown in thousands of dollars. One tonne equals 2,204.6 pounds or 1,000 kilograms.

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I. SUMMARY OF THE BRITISH COLUMBIA FISHING AND FISH  
PROCESSING INDUSTRIES - 1984

In 1984, the quantity of British Columbia fish landings decreased by 12 percent from 188,472 tonnes recorded in 1983 to 165,833 tonnes. The corresponding landed value however, rose by 16 percent from \$209.8 million to \$242.9 million. The decline in landings was largely attributable to decreased pink salmon landings, while the increased landed value reflects a substantial increase in the price that was paid for the highly valued chinook salmon. Total salmon landings dropped by 33 percent while the landed value increased by 30 percent. The combined herring fisheries experienced decreases in both landings and landed value while the halibut, groundfish and shellfish fisheries displayed increases in both landings and the landed value compared to 1983.

The fish processing industry in British Columbia recorded a total wholesale value for all species of \$467 million, a decrease of 1 percent from the previous year. Salmon and herring both recorded a decline in wholesale value of 3 and 11 percent respectively. The wholesale value of shellfish rose by 46 percent, while that of halibut and groundfish increased by 24 and 11 percent respectively.

From the perspective of the overall British Columbia economy, the commercial fishing industry contributed approximately 1 percent to the Provincial gross domestic product. The wholesale value derived from B.C. fish products, however, accounted for nearly 25 percent of the total value of Canadian marine fish production.

The regional distribution of the wholesale value of fisheries products processed in British Columbia remained similar to previous years, except that the lower mainland accounted for a somewhat smaller percentage, while Vancouver Island contributed a slightly higher than average percentage. Nevertheless, approximately 60 percent of the total value still originated from the lower mainland of B.C.

A total of 14,647 personal commercial fishing licences were issued by the Department of Fisheries and Oceans in 1984, including 487 5 year licences and 14,160 traditional 1 year licences. This compares with the 1983 total of 15,439 licences, which consisted of 749 5 year licences and 14,690 1 year licences. Excluding packers, a total of 6,848 vessels were licenced to fish commercially in British Columbia.

One hundred and sixty-eight firms utilizing 144 plants reported processed fish production in 1984, including 35 companies that leased facilities or had fish custom frozen or processed. In addition, production was reported by 9 fishing companies that exported fresh fish to the United States and 10 salmon mariculture operations. The Provincial Fisheries Branch issued 186 fish processing licences, 417 fish buying licences, 272 fisherman's vending licences, 127 oyster picking permits and 27 marine plant harvesting licences.

TABLE 1 - QUANTITY AND VALUE OF B.C. FISH LANDINGS BY SPECIES - 1984

|                         | QUANTITY<br>LANDED<br>(Tonnes) | LANDED<br>VALUE<br>(\$'000) | WHOLESALE<br>VALUE<br>(\$'000) |
|-------------------------|--------------------------------|-----------------------------|--------------------------------|
| SALMON <sup>1</sup>     | 47,865                         | 144,814                     | 276,241                        |
| HERRING <sup>2</sup>    | 33,875                         | 44,365                      | 98,956                         |
| HALIBUT <sup>3</sup>    | 4,033                          | 9,419                       | 13,837                         |
| <u>GROUND FISH</u>      |                                |                             |                                |
| DOG FISH <sup>4</sup>   | 2,441                          | 551                         | 858                            |
| FLOUNDER                | 169                            | 53                          | 74                             |
| HAKE <sup>5</sup>       | 33,596                         | 5,213                       | 5,302                          |
| LINGCOD                 | 3,707                          | 2,183                       | 3,931                          |
| GREY COD <sup>6</sup>   | 3,622                          | 1,765                       | 7,038                          |
| PACIFIC OCEAN PERCH     | 7,043                          | 2,975                       | 8,038                          |
| POLLOCK                 | 596                            | 136                         | 1,485                          |
| ROCK FISH <sup>7</sup>  | 7,489                          | 3,978                       | 6,625                          |
| SABLE FISH <sup>6</sup> | 3,852                          | 6,998                       | 8,829                          |
| SKATE                   | 390                            | 56                          | 120                            |
| SOLE                    | 3,225                          | 2,072                       | 4,913                          |
| TURBOT                  | 360                            | 75                          | 1,246                          |
| OTHER GROUND FISH       | 389 <sup>8</sup>               | 7 <sup>8</sup>              | 3,247 <sup>9</sup>             |
| SUB TOTAL               | 66,879                         | 26,062                      | 51,706                         |
| <u>SHELL FISH</u>       |                                |                             |                                |
| ABALONE                 | 58                             | 530                         | 560                            |
| CLAMS <sup>10</sup>     | 2,622                          | 2,763                       | 5,010                          |
| CRABS                   | 1,155                          | 4,558                       | 5,639                          |
| GEODUCKS                | 3,483                          | 2,937                       | 5,175                          |
| OCTOPUS                 | 25                             | 56                          | 110                            |
| OYSTERS                 | 2,897                          | 2,109                       | 2,483                          |
| SHRIMP & PRAWNS         | 914 <sup>11</sup>              | 4,284 <sup>11</sup>         | 5,059                          |
| OTHER SHELL FISH        | 1,892 <sup>12</sup>            | 808 <sup>12</sup>           | 1,949 <sup>13</sup>            |
| SUB TOTAL               | 13,046                         | 18,045                      | 25,985                         |
| <u>OTHER SPECIES</u>    |                                |                             |                                |
| STURGEON                | 8                              | 12                          | 11                             |
| TUNA <sup>14</sup>      | 47                             | 113                         | 175                            |
| OTHER                   | 80 <sup>15</sup>               | 100 <sup>15</sup>           | 27 <sup>16</sup>               |
| SUBTOTAL                | 135                            | 225                         | 213                            |
| TOTAL                   | 165,833                        | 242,930                     | 466,938                        |

TABLE 1 - CONT'D - FOOTNOTES

- 1 Includes salmon roe. Wholesale value includes production derived from U.S. salmon.
- 2 Includes herring spawn on kelp.
- 3 Includes landings at United States ports of 923 tonnes valued at \$2,197,382.
- 4 Estimated from catch statistics, production data and Canadian export data.
- 5 Includes 28,906 tonnes of hake valued at \$4,652,735 delivered to foreign vessels in co-operative fishing arrangements.
- 6 Reported in round weight.
- 7 Includes red and rock bass, reedi, greenies, other rockfish, red snapper and silver perch.
- 8 Includes non-food fish.
- 9 Includes other groundfish, portions, sticks and specialities, fish meal n.e.s, fish oil n.e.s., and solubles n.e.s.
- 10 Includes horse clams.
- 11 Includes 124 tonnes of prawns worth an estimated \$798 thousand not reported on sales slips.
- 12 Includes scallops, sea urchins, squid, mussels, crayfish, snails and sea cucumbers.
- 13 Includes sea urchins, squid, scallops, mussels, sea cucumbers and other shellfish n.e.s.
- 14 No landings in Canadian waters reported. Includes 18 tonnes worth \$61,207 caught in U.S. waters and landed in Canada as well as 29 tonnes caught in U.S. waters valued at \$51,934 and landed at U.S. ports by Canadian fishermen.
- 15 Includes eulachons, idiotfish, mackerel, shad, smelt, shark, anchovies and plankton.
- 16 Includes eulachons, smelt and floating kelp.

TABLE 2 - LANDED AND WHOLESALE VALUE OF FISH AND FISH PRODUCTS IN B.C.

1973 - 1984

Excludes halibut and tuna landed  
by B.C. fishermen at U.S. ports and  
hake sold to foreign processors

Includes halibut and tuna landed by  
B.C. fishermen at U.S. ports and  
hake sold to foreign processors

| YEAR | LANDED<br>VALUE<br>(\$'000) | WHOLESALE<br>VALUE<br>(\$'000) | LANDED<br>VALUE<br>(\$'000) | % CHANGE | WHOLESALE<br>VALUE<br>(\$'000) | % CHANGE |
|------|-----------------------------|--------------------------------|-----------------------------|----------|--------------------------------|----------|
| 1973 | 127,059                     | 281,647                        | 130,409                     | + 74     | 284,997                        | + 79     |
| 1974 | 100,282                     | 219,758                        | 100,976                     | - 23     | 220,452                        | - 23     |
| 1975 | 76,611                      | 163,948                        | 79,681                      | - 21     | 167,018                        | - 24     |
| 1976 | 138,820                     | 294,590                        | 141,851                     | + 78     | 297,621                        | + 78     |
| 1977 | 165,005                     | 359,905                        | 167,905                     | + 18     | 362,556                        | + 22     |
| 1978 | 243,731                     | 510,667                        | 250,805                     | + 49     | 517,741                        | + 43     |
| 1979 | 330,019                     | 563,181                        | 332,972                     | + 33     | 566,134                        | + 9      |
| 1980 | 180,529                     | 402,191                        | 184,108                     | - 45     | 405,770                        | - 28     |
| 1981 | 232,358                     | 523,754                        | 236,156                     | + 28     | 526,928                        | + 30     |
| 1982 | 235,519                     | 461,159                        | 241,205                     | + 2      | 466,845                        | - 11     |
| 1983 | 203,094                     | 465,090                        | 209,772                     | - 13     | 471,768                        | + 1      |
| 1984 | 236,028                     | 460,036                        | 242,930                     | + 16     | 466,938                        | - 1      |

TABLE 3 - DISTRICT CATCH BY SPECIES - 1984 (LANDED WEIGHT IN TONNES)

| Species                         | North <sup>1</sup><br>Coast | South<br>Coast | Fraser<br>Area | Total  | Landed<br>Value<br>(\$'000) |
|---------------------------------|-----------------------------|----------------|----------------|--------|-----------------------------|
| Chinook                         | 1,995                       | 3,346          | 156            | 5,497  | 37,318                      |
| Sockeye                         | 3,380                       | 7,104          | 2,311          | 12,795 | 45,976                      |
| Coho                            | 3,083                       | 5,671          | 26             | 8,780  | 35,532                      |
| Pink                            | 11,237                      | 457            | 1              | 11,695 | 10,742                      |
| Chum                            | 6,151                       | 2,777          | 13             | 8,941  | 14,938                      |
| Steelhead                       | 138                         | 10             | 2              | 150    | 292                         |
| Subtotal                        | 25,984                      | 19,365         | 2,509          | 47,858 | 144,798                     |
| Salmon Roe                      | 5                           | 2              | *              | 7      | 16                          |
| TOTAL SALMON                    | 25,989                      | 19,367         | 2,509          | 47,865 | 144,814                     |
| Herring                         | 16,028                      | 17,675         | -              | 33,703 | 39,857                      |
| Herring Spawn on Kelp           | 155                         | 17             | -              | 172    | 4,508                       |
| TOTAL HERRING                   | 16,183                      | 17,692         | -              | 33,875 | 44,365                      |
| Halibut <sup>2</sup>            | 2,725                       | 385            | -              | 3,110  | 7,222                       |
| Dogfish <sup>3</sup>            | n/a                         | n/a            | n/a            | 2,441  | 551                         |
| Flounder                        | 152                         | 16             | 1              | 169    | 53                          |
| Hake <sup>4</sup>               | *                           | 4,332          | 358            | 4,690  | 560                         |
| Ling Cod                        | 781                         | 2,926          | *              | 3,707  | 2,183                       |
| Grey Cod <sup>5</sup>           | 2,048                       | 1,572          | 2              | 3,622  | 1,765                       |
| Pacific Ocean Perch             | 6,239                       | 804            | -              | 7,043  | 2,975                       |
| Pollock                         | 457                         | 139            | -              | 596    | 136                         |
| Rockfish <sup>6</sup>           | 3,666                       | 3,821          | 2              | 7,489  | 3,978                       |
| Sablefish <sup>5</sup>          | 2,369                       | 1,483          | *              | 3,852  | 6,998                       |
| Skate                           | 313                         | 76             | 1              | 390    | 56                          |
| Soles                           | 2,238                       | 986            | 1              | 3,225  | 2,072                       |
| Turbot                          | 273                         | 87             | -              | 360    | 75                          |
| Other Groundfish <sup>7</sup>   | 333                         | 56             | -              | 389    | 7                           |
| Groundfish Subtotal             | 18,869                      | 16,298         | 365            | 37,973 | 21,409                      |
| Abalone                         | 46                          | 12             | -              | 58     | 530                         |
| Clams <sup>8</sup>              | 105                         | 2,517          | *              | 2,622  | 2,763                       |
| Crabs                           | 296                         | 518            | 341            | 1,155  | 4,558                       |
| Geoducks                        | 574                         | 2,909          | -              | 3,483  | 2,937                       |
| Octopus                         | 11                          | 14             | *              | 25     | 56                          |
| Oysters <sup>9</sup>            | -                           | 2,897          | -              | 2,897  | 2,109                       |
| Shrimp and Prawns <sup>10</sup> | 144                         | 530            | 240            | 914    | 4,284                       |
| Scallops                        | 1                           | 17             | -              | 18     | 56                          |
| Squid                           | 2                           | 12             | *              | 14     | 17                          |
| Other Shellfish <sup>11</sup>   | 3                           | 1,851          | 6              | 1,860  | 735                         |
| Shellfish Subtotal              | 1,182                       | 11,277         | 587            | 13,046 | 18,045                      |

TABLE 3 - CONT'D

| Species             | North Coast | South Coast | Fraser Area | Total   | Landed Value (\$'000) |
|---------------------|-------------|-------------|-------------|---------|-----------------------|
| Eulachons           | -           | -           | 12          | 12      | 11                    |
| Smelt               | -           | *           | 2           | 2       | 4                     |
| Sturgeon            | 2           | 2           | 4           | 8       | 12                    |
| Tuna <sup>12</sup>  | -           | -           | -           | -       | -                     |
| Other <sup>13</sup> | 40          | 26          | *           | 66      | 85                    |
| Other Subtotal      | 42          | 28          | 18          | 88      | 112                   |
| TOTAL               | 64,990      | 65,047      | 3,479       | 135,957 | 235,967               |

- 1 Includes landings in the Taku/Stikine district.
- 2 Excludes 923 tonnes of halibut valued at \$2,197,382 landed at U.S. ports.
- 3 Estimated from catch statistics, production data and Canadian export data. Not available by district.
- 4 Does not include 28,906 tonnes of hake valued at \$4,652,735 delivered to foreign vessels in co-operative fishing arrangements.
- 5 Reported in round weight.
- 6 Includes red and rock bass, reedi, greenies, other rockfish, red snapper and silver perch.
- 7 Includes non-food fish.
- 8 Includes horse clams.
- 9 Data supplied by the Ministry of Environment, Marine Resources Section.
- 10 Includes 124 tonnes of prawns worth an estimated \$798 thousand not reported on sales slips.
- 11 Includes crayfish, mussels, snails, sea urchins and sea cucumbers.
- 12 Does not include 18 tonnes worth \$61,207 caught in U.S. waters and landed in Canada, as well as 29 tonnes caught in U.S. waters valued at \$51,934 and landed at U.S. ports by Canadian fishermen.
- 13 Includes idiotfish, shad, mackerel, shark, anchovies and plankton.

\* Less than 1 tonne reported.

n/a: Not available entries are only included in grand totals but not in the regional subtotals.

TABLE 4 - REGIONAL WHOLESALE VALUE OF B.C. FISHERIES PRODUCTION BY PRODUCT CATEGORY 1983 - 1984<sup>1</sup>

(\$000)

| PRODUCT<br>CATEGORY | LOWER MAINLAND |         | VANCOUVER IS. |        | SUNSHINE COAST |       | CENTRAL & NORTH<br>COAST |         | TOTAL B.C. |         |
|---------------------|----------------|---------|---------------|--------|----------------|-------|--------------------------|---------|------------|---------|
|                     | 1983           | 1984    | 1983          | 1984   | 1983           | 1984  | 1983                     | 1984    | 1983       | 1984    |
| Fresh               | 26,634         | 32,699  | 7,606         | 12,555 | 573            | 1,939 | 3,410                    | 5,957   | 38,223     | 53,150  |
| Frozen              | 61,265         | 89,783  | 22,365        | 39,571 | 190            | 525   | 34,517                   | 53,391  | 118,337    | 183,270 |
| Cured               | 81,360         | 79,755  | 9,711         | 7,757  | 9              | 134   | 27,355                   | 27,590  | 118,435    | 115,236 |
| Canned              | 118,102        | 56,852  | 4,247         | 1,166  | -              | -     | 53,853                   | 36,482  | 176,202    | 94,500  |
| Other               | 12,261         | 12,219  | 142           | 35     | -              | 9     | 1,490                    | 1,617   | 13,893     | 13,880  |
| GRAND TOTAL         | 299,622        | 271,308 | 44,071        | 61,084 | 772            | 2,607 | 120,625                  | 125,037 | 465,090    | 460,036 |

<sup>1</sup> Does not include hake over-the-side sales, and halibut and tuna landed in U.S. ports.

## II. SUMMARY BY SPECIES

### A) SALMON

Salmon landings declined by approximately 33 percent in 1984 compared to 1983, dropping from 71,765 to 47,865 tonnes. The landed value, however, increased by 30 percent, from \$111.1 million to \$144.8 million. This was due in part to increased prices paid for all species of salmon, particularly for chinook, coho and sockeye. Another contributing factor was that chinook landings, which are the most highly valued species of salmon, increased by approximately 17 percent.

Seine gear accounted for 40.6 percent of the landings, while troll gear was responsible for 34.1 percent and gillnet gear 25.3 percent. Seine gear harvested large quantities of pink, chum and sockeye salmon. Gillnet gear also landed a significant amount of sockeye and chum, along with the majority of steelhead. Troll gear accounted for the majority of chinook and coho landings, along with 20 percent of the pink catch.

Despite the fact that landings decreased significantly, the wholesale value of salmon production only declined by 3 percent in 1984, from \$284.3 million in 1983 to \$276.2 million. This relatively minor decline, when compared to the significant drop in landings, was due to the fact that the average price paid for both frozen and canned products generally increased. Overall, the wholesale value of salmon contributed 59 percent to the total wholesale value of the British Columbia fish processing industry, compared to 60 percent in 1983.

A major shift occurred in the mix of salmon product types in 1984. Frozen salmon accounted for 53 percent of the total salmon wholesale value, compared to 28 percent in 1983. The wholesale value of canned salmon was only 34 percent of the 1984 salmon value, down significantly from 62 percent in 1983. As usual, this shift is largely due to the changes in volumes and species mix during the harvest season. In 1984, pink landings, which are generally directed toward the canned market, declined by approximately 70 percent while chinook landings, which are generally marketed in a frozen form, increased by 16 percent.

The 1984 canned salmon pack consisted of 666,668 forty-eight pound cases, the lowest since 1975. Compared to 1983, the 1984 canned pack decreased by 55 percent while the wholesale value declined by 46 percent. In 1984, pink salmon accounted for 51 percent, sockeye 35 percent, chum 10 percent, coho 4 percent and others less than 1 percent of the total cases produced. In terms of wholesale value, however, sockeye contributed 49 percent, while pink accounted for 40 percent, chum 7 percent and coho 4 percent. Overall, the total wholesale value for all canned salmon was 10 percent greater than the total net selling value.

For the first time in 1984, fish processors were asked to report their fresh/frozen dressed salmon production as either head-on or head-off. In addition, chum salmon was also reported for the first time as silver brite, semi-brite or dark. Generally, fresh dressed salmon production was nearly evenly divided between head-on and head-off products, while most frozen dressed salmon was marketed in a head-off form. Frozen dressed, head-off salmon accounted for more than 80 percent of the total dressed production, with the highest price received for frozen dressed, head-off red chinooks.

Salmonid mariculture production declined by 16 percent to 107 tonnes in 1984, compared to 129 tonnes in 1983. The wholesale value also dropped, from \$708 thousand to \$702 thousand, a one percent decrease. Salmonid mariculture production is expected to increase in 1985, as a number of new operations will be marketing fish for the first time, plus some fish held over for longer grow-out will be marketed. It should be noted that salmonid mariculture production is included in the British Columbia salmon totals.

Fresh, mild cured, smoked and other specialty products, along with roe and salmon by-products were also processed. These different products accounted for approximately 13 percent of the total wholesale value of salmon production. It should be noted that salmon roe production by species is reported for the first time in 1984.

TABLE 5 - LANDINGS OF SALMON BY SPECIES AND GEAR 1973 - 1984

(Round Weight in Tonnes)

|      | GILLNET GEAR |         |       |       |        |        | NUMBER<br>OF<br>DELIV. | AVERAGE<br>CATCH<br>PER<br>DELIV. | AVERAGE<br>VALUE<br>PER<br>DELIV. |
|------|--------------|---------|-------|-------|--------|--------|------------------------|-----------------------------------|-----------------------------------|
|      | CHINOOK      | SOCKEYE | COHO  | PINK  | CHUM   | TOTAL  |                        |                                   |                                   |
|      | (t)          | (t)     | (t)   | (t)   | (t)    | (t)    | ('000)                 | (kg)                              | (\$)                              |
| 1973 | 1,204        | 15,276  | 1,796 | 2,719 | 15,705 | 36,751 | 109                    | 337                               | 369                               |
| 1974 | 982          | 11,026  | 1,689 | 2,685 | 7,943  | 24,367 | 89                     | 274                               | 300                               |
| 1975 | 1,031        | 4,223   | 1,524 | 2,353 | 2,845  | 12,014 | 61                     | 197                               | 246                               |
| 1976 | 1,027        | 7,655   | 1,177 | 3,013 | 4,841  | 17,746 | 78                     | 228                               | 331                               |
| 1977 | 1,129        | 10,793  | 1,357 | 5,470 | 3,229  | 22,028 | 83                     | 265                               | 415                               |
| 1978 | 997          | 7,819   | 1,281 | 2,319 | 6,641  | 19,102 | 69                     | 277                               | 561                               |
| 1979 | 886          | 7,435   | 774   | 2,146 | 2,151  | 13,430 | 52                     | 258                               | 669                               |
| 1980 | 670          | 3,265   | 848   | 1,711 | 7,548  | 14,084 | 51                     | 276                               | 609                               |
| 1981 | 652          | 9,031   | 562   | 4,660 | 3,182  | 18,153 | 53                     | 342                               | 740                               |
| 1982 | 917          | 9,817   | 870   | 526   | 5,525  | 17,742 | 51                     | 348                               | 811                               |
| 1983 | 594          | 4,472   | 531   | 3,886 | 2,575  | 12,100 | 46                     | 263                               | 448                               |
| 1984 | 763          | 6,542   | 518   | 1,826 | 2,988  | 12,761 | 51                     | 250                               | 699                               |

  

|      | SEINE GEAR |         |       |        |        |        | NUMBER<br>OF<br>DELIV. | AVERAGE<br>CATCH<br>PER<br>DELIV. | AVERAGE<br>VALUE<br>PER<br>DELIV. |
|------|------------|---------|-------|--------|--------|--------|------------------------|-----------------------------------|-----------------------------------|
|      | CHINOOK    | SOCKEYE | COHO  | PINK   | CHUM   | TOTAL  |                        |                                   |                                   |
|      | (t)        | (t)     | (t)   | (t)    | (t)    | (t)    | ('000)                 | (kg)                              | (\$)                              |
| 1973 | 583        | 5,784   | 2,084 | 7,943  | 16,943 | 33,339 | 17                     | 1,961                             | 1,872                             |
| 1974 | 531        | 7,882   | 1,611 | 7,547  | 4,460  | 22,034 | 13                     | 1,695                             | 1,563                             |
| 1975 | 558        | 1,152   | 1,901 | 6,026  | 2,483  | 11,934 | 10                     | 1,213                             | 1,193                             |
| 1976 | 492        | 4,395   | 1,197 | 12,790 | 6,044  | 24,925 | 14                     | 1,780                             | 1,908                             |
| 1977 | 926        | 6,237   | 1,981 | 12,814 | 2,696  | 24,661 | 16                     | 1,541                             | 1,856                             |
| 1978 | 886        | 11,107  | 1,108 | 12,326 | 8,901  | 34,337 | 13                     | 2,641                             | 4,446                             |
| 1979 | 903        | 5,861   | 1,539 | 13,983 | 2,425  | 24,717 | 12                     | 2,060                             | 3,544                             |
| 1980 | 588        | 4,327   | 1,252 | 9,650  | 8,972  | 24,796 | 12                     | 2,066                             | 3,488                             |
| 1981 | 774        | 11,636  | 1,430 | 24,297 | 2,847  | 40,994 | 10                     | 4,099                             | 6,386                             |
| 1982 | 780        | 12,617  | 1,245 | 3,148  | 9,147  | 26,952 | 10                     | 2,695                             | 5,181                             |
| 1983 | 496        | 9,006   | 1,354 | 30,207 | 2,150  | 43,225 | 11                     | 3,930                             | 4,404                             |
| 1984 | 444        | 5,791   | 843   | 7,811  | 5,603  | 20,514 | 13                     | 1,578                             | 2,953                             |

TABLE 5 - CONT'D

|      | CHINOOK | SOCKEYE | COHO  | TROLL GEAR |      | TOTAL  | VALUE    | NUMBER OF DELIV. | AVERAGE CATCH PER DELIV. | AVERAGE VALUE PER DELIV. |
|------|---------|---------|-------|------------|------|--------|----------|------------------|--------------------------|--------------------------|
|      | (t)     | (t)     | (t)   | PINK       | CHUM | (t)    | (\$'000) | ('000)           | (kg)                     | (\$)                     |
| 1973 | 5,769   | 467     | 7,370 | 2,644      | 115  | 16,368 | 27,893   | 132              | 124                      | 211                      |
| 1974 | 6,123   | 2,786   | 7,078 | 974        | 76   | 17,043 | 27,007   | 126              | 135                      | 214                      |
| 1975 | 5,701   | 305     | 4,312 | 1,861      | 60   | 12,241 | 19,965   | 121              | 102                      | 165                      |
| 1976 | 6,257   | 288     | 6,948 | 1,254      | 37   | 14,790 | 39,405   | 134              | 110                      | 294                      |
| 1977 | 5,467   | 358     | 6,519 | 6,439      | 107  | 18,893 | 44,612   | 146              | 129                      | 303                      |
| 1978 | 6,004   | 3,395   | 6,763 | 686        | 313  | 17,165 | 61,681   | 150              | 114                      | 411                      |
| 1979 | 5,056   | 1,236   | 8,029 | 8,567      | 175  | 23,067 | 83,215   | 163              | 142                      | 511                      |
| 1980 | 5,282   | 135     | 6,925 | 2,357      | 289  | 14,991 | 44,107   | 189              | 79                       | 233                      |
| 1981 | 4,490   | 333     | 5,522 | 9,296      | 128  | 19,774 | 54,984   | 164              | 121                      | 335                      |
| 1982 | 5,395   | 7,709   | 7,182 | 303        | 419  | 21,010 | 71,897   | 169              | 124                      | 420                      |
| 1983 | 4,288   | 848     | 8,576 | 5,445      | 148  | 19,334 | 42,056   | 170              | 114                      | 247                      |
| 1984 | 5,047   | 544     | 8,728 | 2,422      | 412  | 17,157 | 70,725   | 138              | 124                      | 513                      |

Note: Totals include steelhead.

TABLE 6 - PERCENT SALMON LANDINGS BY SPECIES AND GEAR - 1984<sup>1</sup>

(Round Weight in Tonnes)

| SPECIES   | Gillnet  |      | Seine    |      | Troll    |      | Total<br>Tonnes |
|-----------|----------|------|----------|------|----------|------|-----------------|
|           | Quantity | %    | Quantity | %    | Quantity | %    |                 |
| Chinook   | 763      | 12.2 | 444      | 7.1  | 5,047    | 80.7 | 6,254           |
| Sockeye   | 6,542    | 50.8 | 5,791    | 45.0 | 544      | 4.2  | 12,877          |
| Coho      | 518      | 5.1  | 843      | 8.4  | 8,728    | 86.5 | 10,089          |
| Pink      | 1,826    | 15.1 | 7,811    | 64.8 | 2,422    | 20.1 | 12,059          |
| Chum      | 2,988    | 33.2 | 5,603    | 62.2 | 412      | 4.6  | 9,003           |
| Steelhead | 124      | 82.7 | 22       | 14.7 | 4        | 2.7  | 150             |
| TOTAL     | 12,761   | 25.3 | 20,514   | 40.7 | 17,157   | 34.0 | 50,432          |

TABLE 7 - LANDED AND WHOLESALE VALUE OF SALMON BY PRODUCT TYPE 1973 - 1984

(\$'000)

|      | LANDED<br>VALUE      | CANNED  | FRESH  | FROZEN  | ROE    | OTHER  | TOTAL<br>WHOLESALE<br>VALUE |
|------|----------------------|---------|--------|---------|--------|--------|-----------------------------|
| 1973 | 99,998               | 127,065 | 9,836  | 60,639  | 18,435 | 5,667  | 221,642                     |
| 1974 | 73,998               | 114,312 | 5,868  | 30,216  | 11,890 | 3,555  | 165,841                     |
| 1975 | 46,913               | 43,252  | 9,153  | 36,781  | 6,410  | 4,152  | 99,748                      |
| 1976 | 91,942               | 91,733  | 11,018 | 60,959  | 16,056 | 7,278  | 187,045                     |
| 1977 | 109,176 <sup>1</sup> | 122,987 | 10,059 | 76,049  | 12,618 | 6,079  | 227,792                     |
| 1978 | 158,686 <sup>1</sup> | 115,913 | 14,584 | 134,416 | 24,202 | 14,904 | 304,019                     |
| 1979 | 161,113 <sup>1</sup> | 115,927 | 8,127  | 143,093 | 11,393 | 11,087 | 289,627                     |
| 1980 | 117,149 <sup>1</sup> | 146,828 | 10,429 | 109,300 | 13,209 | 9,341  | 289,107                     |
| 1981 | 158,226 <sup>1</sup> | 237,391 | 6,744  | 108,047 | 12,802 | 8,694  | 373,678                     |
| 1982 | 165,207 <sup>1</sup> | 127,126 | 10,633 | 155,762 | 9,829  | 11,988 | 315,338                     |
| 1983 | 111,097 <sup>1</sup> | 176,191 | 13,414 | 80,873  | 3,186  | 10,625 | 284,289                     |
| 1984 | 144,814 <sup>1</sup> | 94,457  | 15,432 | 145,679 | 5,065  | 15,608 | 276,241                     |

<sup>1</sup> Includes salmon roe.

TABLE 8 - LANDED AND WHOLESALE VALUE OF SALMON BY SPECIES 1973 - 1984

|         | Quantity<br>Landed in<br>Tonnes<br>(Round Weight) | Landed<br>Value<br>(\$'000) | Average<br>Landed<br>Price<br>(\$/kg) | Wholesale<br>Value<br>(\$'000) <sup>1</sup> | Landed Value<br>as a Percent<br>of Wholesale<br>Value (%) |
|---------|---------------------------------------------------|-----------------------------|---------------------------------------|---------------------------------------------|-----------------------------------------------------------|
| CHINOOK |                                                   |                             |                                       |                                             |                                                           |
| 1973    | 7,556                                             | 13,986                      | 1.85                                  | 20,533                                      | 68.1                                                      |
| 1974    | 7,637                                             | 13,803                      | 1.81                                  | 18,864                                      | 73.2                                                      |
| 1975    | 7,289                                             | 12,172                      | 1.67                                  | 20,270                                      | 60.0                                                      |
| 1976    | 7,776                                             | 22,919                      | 2.95                                  | 29,314                                      | 78.2                                                      |
| 1977    | 7,522                                             | 23,589                      | 3.14                                  | 36,832                                      | 64.0                                                      |
| 1978    | 7,887                                             | 29,461                      | 3.74                                  | 35,897                                      | 82.1                                                      |
| 1979    | 6,845                                             | 31,159                      | 4.55                                  | 40,475                                      | 77.0                                                      |
| 1980    | 6,540                                             | 24,307                      | 3.72                                  | 38,421                                      | 63.3                                                      |
| 1981    | 5,916                                             | 25,731                      | 4.35                                  | 38,051                                      | 67.6                                                      |
| 1982    | 7,092                                             | 31,205                      | 4.40                                  | 41,490                                      | 75.2                                                      |
| 1983    | 5,378                                             | 17,614                      | 3.23                                  | 29,489                                      | 59.7                                                      |
| 1984    | 6,254                                             | 37,318                      | 5.97                                  | 45,861                                      | 81.4                                                      |
| SCKEYE  |                                                   |                             |                                       |                                             |                                                           |
| 1973    | 21,526                                            | 26,497                      | 1.23                                  | 69,009                                      | 38.4                                                      |
| 1974    | 21,694                                            | 29,841                      | 1.38                                  | 65,221                                      | 45.8                                                      |
| 1975    | 5,681                                             | 8,184                       | 1.44                                  | 19,538                                      | 41.9                                                      |
| 1976    | 12,339                                            | 20,656                      | 1.67                                  | 45,701                                      | 45.2                                                      |
| 1977    | 17,388                                            | 32,218                      | 1.85                                  | 65,497                                      | 49.2                                                      |
| 1978    | 22,321                                            | 55,181                      | 2.47                                  | 107,817                                     | 51.2                                                      |
| 1979    | 14,532                                            | 43,307                      | 2.98                                  | 81,008                                      | 53.5                                                      |
| 1980    | 7,727                                             | 18,222                      | 2.36                                  | 47,416                                      | 38.4                                                      |
| 1981    | 21,000                                            | 54,577                      | 2.60                                  | 122,073                                     | 44.7                                                      |
| 1982    | 30,143                                            | 78,860                      | 2.62                                  | 155,363                                     | 50.8                                                      |
| 1983    | 14,326                                            | 36,617                      | 2.56                                  | 83,988                                      | 43.6                                                      |
| 1984    | 12,877                                            | 45,976                      | 3.57                                  | 84,191                                      | 54.6                                                      |
| COHO    |                                                   |                             |                                       |                                             |                                                           |
| 1973    | 11,250                                            | 18,910                      | 1.68                                  | 27,863                                      | 67.9                                                      |
| 1974    | 10,378                                            | 13,834                      | 1.33                                  | 24,375                                      | 56.8                                                      |
| 1975    | 7,737                                             | 12,401                      | 1.60                                  | 19,783                                      | 62.7                                                      |
| 1976    | 9,322                                             | 21,331                      | 2.29                                  | 29,906                                      | 71.3                                                      |
| 1977    | 9,857                                             | 22,671                      | 2.30                                  | 35,396                                      | 64.0                                                      |
| 1978    | 9,152                                             | 27,269                      | 2.98                                  | 41,023                                      | 66.5                                                      |
| 1979    | 10,342                                            | 44,063                      | 4.26                                  | 57,203                                      | 77.0                                                      |
| 1980    | 9,025                                             | 23,078                      | 2.56                                  | 43,568                                      | 53.0                                                      |
| 1981    | 7,514                                             | 22,009                      | 2.93                                  | 37,984                                      | 57.9                                                      |
| 1982    | 9,297                                             | 26,144                      | 2.81                                  | 42,582                                      | 61.4                                                      |
| 1983    | 10,461                                            | 22,504                      | 2.15                                  | 39,306                                      | 57.3                                                      |
| 1984    | 10,089                                            | 35,532                      | 3.52                                  | 59,624                                      | 59.6                                                      |

TABLE 8 - CONT'D

|                  | Quantity<br>Landed in<br>Tonnes<br>(Round Weight) | Landed<br>Value<br>(\$'000) | Average<br>Landed<br>Price<br>(\$/kg) | Wholesale<br>Value<br>(\$'000) <sup>1</sup> | Landed Value<br>as a Percent<br>of Wholesale<br>Value (%) |
|------------------|---------------------------------------------------|-----------------------------|---------------------------------------|---------------------------------------------|-----------------------------------------------------------|
| <b>PINK</b>      |                                                   |                             |                                       |                                             |                                                           |
| 1973             | 13,306                                            | 7,882                       | 0.59                                  | 27,220                                      | 29.0                                                      |
| 1974             | 11,207                                            | 5,791                       | 0.52                                  | 22,215                                      | 26.1                                                      |
| 1975             | 10,239                                            | 6,900                       | 0.67                                  | 21,040                                      | 32.8                                                      |
| 1976             | 17,056                                            | 12,124                      | 0.71                                  | 37,085                                      | 32.7                                                      |
| 1977             | 24,723                                            | 22,262                      | 0.90                                  | 54,767                                      | 40.6                                                      |
| 1978             | 15,331                                            | 12,835                      | 0.84                                  | 37,852                                      | 33.9                                                      |
| 1979             | 24,696                                            | 29,685                      | 1.20                                  | 76,867                                      | 38.6                                                      |
| 1980             | 13,718                                            | 15,118                      | 1.10                                  | 50,425                                      | 30.0                                                      |
| 1981             | 38,253                                            | 45,822                      | 1.20                                  | 117,302                                     | 39.1                                                      |
| 1982             | 3,977                                             | 3,195                       | 0.80                                  | 13,675                                      | 23.4                                                      |
| 1983             | 39,538                                            | 26,651                      | 0.67                                  | 103,767                                     | 25.7                                                      |
| 1984             | 12,059                                            | 10,742                      | 0.89                                  | 38,195                                      | 28.1                                                      |
| <b>CHUM</b>      |                                                   |                             |                                       |                                             |                                                           |
| 1973             | 32,762                                            | 32,670                      | 1.00                                  | 56,554                                      | 57.8                                                      |
| 1974             | 12,479                                            | 10,680                      | 0.86                                  | 22,350                                      | 47.8                                                      |
| 1975             | 5,389                                             | 7,206                       | 1.34                                  | 11,588                                      | 62.2                                                      |
| 1976             | 10,922                                            | 14,835                      | 1.36                                  | 27,075                                      | 54.8                                                      |
| 1977             | 6,032                                             | 7,905                       | 1.31                                  | 16,623                                      | 47.6                                                      |
| 1978             | 15,855                                            | 33,336                      | 2.10                                  | 50,878                                      | 65.5                                                      |
| 1979             | 4,751                                             | 12,243                      | 2.58                                  | 21,262                                      | 57.6                                                      |
| 1980             | 16,809                                            | 36,197                      | 2.15                                  | 63,960                                      | 56.6                                                      |
| 1981             | 6,157                                             | 9,781                       | 1.59                                  | 21,653                                      | 45.2                                                      |
| 1982             | 15,091                                            | 25,528                      | 1.69                                  | 42,768                                      | 59.7                                                      |
| 1983             | 4,899                                             | 7,605                       | 1.55                                  | 14,735                                      | 51.6                                                      |
| 1984             | 9,003                                             | 14,938                      | 1.66                                  | 34,835                                      | 42.9                                                      |
| <b>STEELHEAD</b> |                                                   |                             |                                       |                                             |                                                           |
| 1973             | 57                                                | 53                          | 0.93                                  | 121                                         | 43.8                                                      |
| 1974             | 49                                                | 49                          | 1.00                                  | 101                                         | 48.5                                                      |
| 1975             | 49                                                | 50                          | 1.02                                  | 110                                         | 45.5                                                      |
| 1976             | 47                                                | 77                          | 1.64                                  | 139                                         | 55.4                                                      |
| 1977             | 59                                                | 80                          | 1.36                                  | 223                                         | 35.9                                                      |
| 1978             | 57                                                | 82                          | 1.44                                  | 258                                         | 31.8                                                      |
| 1979             | 48                                                | 96                          | 2.00                                  | 250                                         | 38.4                                                      |
| 1980             | 52                                                | 81                          | 1.56                                  | 247                                         | 32.8                                                      |
| 1981             | 91                                                | 147                         | 1.81                                  | 387                                         | 38.0                                                      |
| 1982             | 104                                               | 170                         | 1.63                                  | 520                                         | 32.7                                                      |
| 1983             | 57                                                | 94                          | 1.65                                  | 308                                         | 30.5                                                      |
| 1984             | 150                                               | 292                         | 1.95                                  | 1,032                                       | 28.3                                                      |

<sup>1</sup> Revised. Does not include the wholesale value derived from salmon caught in U.S. waters and canned in British Columbia. This data has been adjusted from previous reports.

TABLE 9 - WHOLESALE VALUE OF SALMON BY SPECIES 1973 - 1984

(\$'000)

|      | <u>CHINOOK</u> | <u>SOCKEYE</u> | <u>COHO</u> | <u>PINK</u> | <u>CHUM</u> | <u>STEEL-<br/>HEAD</u> | <u>NOT<br/>CLASSIFIED</u> | <u>TOTAL<br/>WHOLESALE<br/>VALUE</u> |
|------|----------------|----------------|-------------|-------------|-------------|------------------------|---------------------------|--------------------------------------|
| 1973 | 20,533         | 69,009         | 27,863      | 27,220      | 56,554      | 121                    | 20,342                    | 221,642                              |
| 1974 | 18,864         | 65,221         | 24,375      | 22,215      | 22,350      | 101                    | 12,715                    | 165,841                              |
| 1975 | 20,270         | 19,538         | 19,783      | 21,040      | 11,588      | 110                    | 7,419                     | 99,748                               |
| 1976 | 29,314         | 45,701         | 29,906      | 37,085      | 27,075      | 139                    | 17,825                    | 187,045                              |
| 1977 | 36,832         | 65,579         | 35,431      | 59,217      | 16,676      | 223                    | 13,834                    | 227,792                              |
| 1978 | 35,897         | 107,817        | 41,023      | 39,544      | 50,878      | 258                    | 28,602                    | 304,019                              |
| 1979 | 40,475         | 81,008         | 57,203      | 76,867      | 21,262      | 250                    | 12,562                    | 289,627                              |
| 1980 | 38,427         | 68,224         | 43,645      | 58,655      | 64,608      | 248                    | 15,300                    | 289,107                              |
| 1981 | 38,073         | 131,030        | 38,433      | 128,553     | 22,271      | 387                    | 14,931                    | 373,678                              |
| 1982 | 41,495         | 158,492        | 42,595      | 17,813      | 42,887      | 520                    | 11,536                    | 315,338                              |
| 1983 | 29,490         | 84,996         | 39,384      | 109,732     | 14,777      | 308                    | 5,602                     | 284,289                              |
| 1984 | 45,863         | 86,165         | 59,772      | 44,761      | 35,815      | 1,032                  | 2,833                     | 276,241                              |

TABLE 10 - PRODUCTION AND UTILIZATION OF SALMON BY SPECIES 1983 - 1984

- 16 -

|                           | 1983     |                                |                                       | 1984     |                                |                                       |
|---------------------------|----------|--------------------------------|---------------------------------------|----------|--------------------------------|---------------------------------------|
| UNIT                      | QUANTITY | VALUE <sup>1</sup><br>(\$'000) | AVERAGE <sup>2</sup><br>PRICE<br>(\$) | QUANTITY | VALUE <sup>1</sup><br>(\$'000) | AVERAGE <sup>2</sup><br>PRICE<br>(\$) |
| <b>CHINOOK</b>            |          |                                |                                       |          |                                |                                       |
| Canned.....48-1b. cases   | 4,306    | 444                            | 103.02                                | 2,709    | 281                            | 103.57                                |
| Fresh Round.....000 kg    | 1        | 2                              | 4.20                                  | 17       | 135                            | 8.15                                  |
| Fresh Dressed.....000 kg  | 853      | 5,365                          | 6.29                                  | 653      | 5,247                          | 8.03                                  |
| Frozen Round.....000 kg   | *        | *                              | *                                     | *        | *                              | *                                     |
| Frozen Dressed.....000 kg | 2,737    | 20,549                         | 7.51                                  | 3,985    | 37,121                         | 9.31                                  |
| Frozen Steaks.....000 kg  | 2        | 15                             | 6.60                                  | 6        | 81                             | 12.79                                 |
| Mild Cured.....000 kg     | *        | *                              | *                                     | *        | *                              | *                                     |
| Smoked.....000 kg         | 239      | 2,392                          | 10.02                                 | 225      | 2,750                          | 12.21                                 |
| Roe.....000 kg            | -        | -                              | -                                     | 15       | 79                             | 5.33                                  |
| Other.....000 kg          | -        | 723                            | -                                     | -        | 169                            | -                                     |
| TOTAL.....000 kg          | -        | 29,490                         | -                                     | -        | 45,863                         | -                                     |
| <b>SOCKEYE</b>            |          |                                |                                       |          |                                |                                       |
| Canned.....48-1b. cases   | 371,483  | 66,293                         | 178.46                                | 230,798  | 45,898                         | 198.87                                |
| Fresh Round.....000 kg    | 32       | 112                            | 3.51                                  | 26       | 114                            | 4.39                                  |
| Fresh Dressed.....000 kg  | 602      | 2,857                          | 4.75                                  | 705      | 4,284                          | 6.08                                  |
| Frozen Round.....000 kg   | *        | *                              | *                                     | *        | *                              | *                                     |
| Frozen Dressed.....000 kg | 2,133    | 11,178                         | 5.24                                  | 3,574    | 25,690                         | 7.19                                  |
| Frozen Steaks.....000 kg  | 23       | 193                            | 8.45                                  | 53       | 563                            | 10.58                                 |
| Mild Cured.....000 kg     | 75       | 491                            | 6.58                                  | 405      | 3,448                          | 8.52                                  |
| Smoked.....000 kg         | 262      | 3,864                          | 14.76                                 | 339      | 5,630                          | 16.59                                 |
| Roe.....000 kg            | -        | -                              | -                                     | 110      | 501                            | 4.57                                  |
| Other.....000 kg          | -        | 8                              | -                                     | -        | 37                             | -                                     |
| TOTAL.....000 kg          | -        | 84,996                         | -                                     | -        | 86,165                         | -                                     |
| <b>COHO</b>               |          |                                |                                       |          |                                |                                       |
| Canned.....48-1b. cases   | 60,560   | 8,273                          | 136.61                                | 25,832   | 3,791                          | 146.77                                |
| Fresh Round.....000 kg    | 1        | 2                              | 3.86                                  | 3        | 1                              | 2.78                                  |
| Fresh Dressed.....000 kg  | 557      | 2,501                          | 4.49                                  | 578      | 3,605                          | 6.24                                  |
| Frozen Round.....000 kg   | *        | *                              | *                                     | *        | *                              | *                                     |
| Frozen Dressed.....000 kg | 5,722    | 28,105                         | 4.91                                  | 7,219    | 51,403                         | 7.12                                  |
| Frozen Steaks.....000 kg  | 62       | 338                            | 5.49                                  | 24       | 197                            | 8.25                                  |
| Mild Cured.....000 kg     | *        | *                              | *                                     | 36       | 350                            | 9.78                                  |
| Smoked.....000 kg         | 7        | 69                             | 9.63                                  | 24       | 287                            | 12.05                                 |
| Roe.....000 kg            | -        | -                              | -                                     | 21       | 138                            | 6.45                                  |
| Other.....000 kg          | -        | 96                             | -                                     | -        | -                              | -                                     |
| TOTAL.....000 kg          | -        | 39,384                         | -                                     | -        | 59,772                         | -                                     |

TABLE 10 - CONT'D

|                           | 1983 |          |                                | 1984                                  |          |                                |                                       |
|---------------------------|------|----------|--------------------------------|---------------------------------------|----------|--------------------------------|---------------------------------------|
|                           | UNIT | QUANTITY | VALUE <sup>1</sup><br>(\$'000) | AVERAGE <sup>2</sup><br>PRICE<br>(\$) | QUANTITY | VALUE <sup>1</sup><br>(\$'000) | AVERAGE <sup>2</sup><br>PRICE<br>(\$) |
| PINK                      |      |          |                                |                                       |          |                                |                                       |
| Canned.....48-lb. cases   |      | 996,727  | 96,723                         | 97.04                                 | 338,474  | 38,028                         | 112.35                                |
| Fresh Round.....000 kg    |      | 216      | 173                            | 0.80                                  |          |                                |                                       |
| Fresh Dressed.....000 kg  |      | 685      | 1,578                          | 2.30                                  | 166      | 398                            | 2.40                                  |
| Frozen Round.....000 kg   |      |          |                                |                                       |          |                                |                                       |
| Frozen Dressed.....000 kg |      | 4,277    | 11,056                         | 2.58                                  | 1,746    | 5,589                          | 3.20                                  |
| Frozen Steaks.....000 kg  |      |          |                                |                                       | 15       | 60                             | 3.94                                  |
| Mild Cured.....000 kg     |      |          |                                |                                       |          |                                |                                       |
| Smoked.....000 kg         |      | 22       | 146                            | 6.61                                  | 11       | 99                             | 9.32                                  |
| Roe.....000 kg            |      |          |                                |                                       | 175      | 587                            | 3.36                                  |
| Other.....000 kg          |      |          | 56                             |                                       |          |                                |                                       |
| TOTAL.....000 kg          |      |          | 109,732                        |                                       |          | 44,761                         |                                       |
| CHUM                      |      |          |                                |                                       |          |                                |                                       |
| Canned.....48-lb. cases   |      | 47,120   | 4,421                          | 93.83                                 | 68,579   | 6,434                          | 93.82                                 |
| Fresh Round.....000 kg    |      | 14       | 24                             | 1.67                                  | 288      | 520                            | 1.80                                  |
| Fresh Dressed.....000 kg  |      | 260      | 795                            | 3.06                                  | 255      | 1,010                          | 3.96                                  |
| Frozen Dressed.....000 kg |      | 2,217    | 8,576                          | 3.87                                  | 5,523    | 23,734                         | 4.30                                  |
| Frozen Steaks.....000 kg  |      | 94       | 544                            | 5.78                                  | 64       | 371                            | 5.82                                  |
| Mild Cured.....000 kg     |      |          |                                |                                       |          |                                |                                       |
| Smoked.....000 kg         |      | 45       | 408                            | 9.09                                  | 82       | 629                            | 7.72                                  |
| Roe.....000 kg            |      |          |                                |                                       | 484      | 3,117                          | 6.44                                  |
| Other.....000 kg          |      |          | 9                              |                                       |          |                                |                                       |
| TOTAL.....000 kg          |      |          | 14,777                         |                                       |          | 35,815                         |                                       |
| STEELHEAD                 |      |          |                                |                                       |          |                                |                                       |
| Canned.....48-lb. cases   |      | 331      | 37                             | 112.52                                | 276      | 25                             | 89.46                                 |
| Fresh Round.....000 kg    |      | 3        | 3                              |                                       | 3        | 1                              | 4.28                                  |
| Fresh Dressed.....000 kg  |      | 1        | 5                              | 4.62                                  | 19       | 112                            | 5.87                                  |
| Frozen Round.....000 kg   |      |          |                                |                                       |          |                                |                                       |
| Frozen Dressed.....000 kg |      | 53       | 265                            | 5.00                                  | 149      | 868                            | 5.81                                  |
| Frozen Steaks.....000 kg  |      |          |                                |                                       |          |                                |                                       |
| Smoked.....000 kg         |      |          |                                |                                       | 2        | 26                             | 12.45                                 |
| Other.....000 kg          |      |          | 1                              |                                       |          |                                |                                       |
| TOTAL.....000 kg          |      |          | 308                            |                                       |          | 1,032                          |                                       |

TABLE 10 - CONT'D

|                                     | 1983      |                                |                                       | 1984     |                                |                                       |
|-------------------------------------|-----------|--------------------------------|---------------------------------------|----------|--------------------------------|---------------------------------------|
| UNIT                                | QUANTITY  | VALUE <sup>1</sup><br>(\$'000) | AVERAGE <sup>2</sup><br>PRICE<br>(\$) | QUANTITY | VALUE <sup>1</sup><br>(\$'000) | AVERAGE <sup>2</sup><br>PRICE<br>(\$) |
| ALL SALMON <sup>4</sup>             |           |                                |                                       |          |                                |                                       |
| Canned.....48-lb. cases             | 1,480,527 | 176,191                        | 119.01                                | 666,668  | 94,457                         | 141.69                                |
| Fresh Round.....000 kg              | 264       | 313                            | 1.19                                  | 335      | 776                            | 2.32                                  |
| Fresh Dressed.....000 kg            | 2,958     | 13,101                         | 4.43                                  | 2,376    | 14,656                         | 6.17                                  |
| Frozen Round.....000 kg             | *         | *                              | -                                     | 3        | 2                              | 4.52                                  |
| Frozen Dressed.....000 kg           | 17,139    | 79,729                         | 4.65                                  | 22,196   | 144,405                        | 6.51                                  |
| Frozen Steaks.....000 kg            | 199       | 1,144                          | 5.75                                  | 162      | 1,272                          | 7.85                                  |
| Mild Cured.....000 kg               | 153       | 1,284                          | 8.42                                  | 497      | 4,602                          | 9.26                                  |
| Smoked.....000 kg                   | 575       | 6,880                          | 11.96                                 | 683      | 9,421                          | 13.79                                 |
| Salmon Roe <sup>5</sup> .....000 kg | 861       | 3,186                          | 3.70                                  | 940      | 5,065                          | 5.39                                  |
| Other Specialty                     |           |                                |                                       |          |                                |                                       |
| Products.....000 kg                 | -         | 38                             | -                                     | -        | 211                            | -                                     |
| Other <sup>6</sup> .....000 kg      | -         | 2,423                          | -                                     | -        | 1,374                          | -                                     |
| TOTAL.....000 kg                    | -         | 284,289                        | -                                     | -        | 276,241                        | -                                     |

<sup>1</sup> Note: Any discrepancies in VALUE(\$'000) figures are due to rounding.

<sup>2</sup> Average Price:

Canned Salmon \$'s per 48-lb. case.

Other Salmon Products \$'s per kg.

Value divided by quantity may not equal average price due to rounding.

<sup>3</sup> Less than 500 kg. and \$500.

<sup>4</sup> Note: The total value of "ALL SALMON" includes such products as offal, oil, meal, etc. which could not be allocated to particular species. Also included are the value of some items where less than three companies are reported. In a number of cases, however, confidential data is included if the total processed product represented by the confidential data is accounted for by three or more companies.

<sup>5</sup> Includes roe not broken down by species.

<sup>6</sup> Includes offal, offal meal, oil, heads, bait, milts, other products and the value of items where less than three companies reported.

\* Confidential. Less than three companies reporting.

TABLE 11 - B.C. CANNED SALMON PRODUCTION BY REGION - 1984<sup>1</sup>

| AREA                         | (48 lb. Cases) |         |        |         |        |           |
|------------------------------|----------------|---------|--------|---------|--------|-----------|
|                              | CHINOOK        | SOCKEYE | COHO   | PINK    | CHUM   | STEELHEAD |
| North Coast                  | 723            | 50,183  | 10,805 | 181,561 | 37,280 | 58        |
| Fraser Area<br>& South Coast | 1,986          | 180,615 | 15,027 | 156,913 | 31,299 | 218       |
| TOTAL                        | 2,709          | 230,798 | 25,832 | 338,474 | 68,579 | 276       |
|                              |                |         |        |         |        | 280,610   |
|                              |                |         |        |         |        | 386,058   |
|                              |                |         |        |         |        | 666,668   |

<sup>1</sup> Does not include Alaskan salmon custom canned in B.C. for U.S. companies.

TABLE 12 - COMPARISON OF THE 1984 SALMON PACK TO THE 12 YEAR AVERAGE PACK

|         | 1973 - 1984                                        |                        | Difference<br>(%) |
|---------|----------------------------------------------------|------------------------|-------------------|
|         | 1973 - 1984<br>Average (48 lb. cases) <sup>1</sup> | 1984<br>(48 lb. cases) |                   |
| Sockeye | 442,523                                            | 230,798                | -48               |
| Coho    | 71,797                                             | 25,832                 | -64               |
| Pink    | 505,622                                            | 338,474                | -33               |
| Chum    | 120,641                                            | 68,579                 | -43               |
| Other   | 12,105                                             | 2,985                  | -75               |
| TOTAL   | 1,152,688                                          | 666,668                | -42               |

<sup>1</sup> Previously reported as a 10 year average.

TABLE 13 - BRITISH COLUMBIA CANNED SALMON PRODUCTION : QUANTITY AND VALUE BY SPECIES - 1984<sup>1</sup>

| SPECIES       | QUANTITY<br>(48 lb. Cases) | WHOLESALE<br>VALUE (\$'000) | AVG. PRICE<br>\$/48 lb. Case <sup>2</sup> | NET SELLING<br>VALUE (\$'000) | AVG. PRICE<br>\$/48 lb. Case <sup>2</sup> |
|---------------|----------------------------|-----------------------------|-------------------------------------------|-------------------------------|-------------------------------------------|
| Red Chinook   | 976                        | 112                         | 114.08                                    | 108                           | 110.83                                    |
| Pink Chinook  | 1,339                      | 137                         | 102.24                                    | 124                           | 92.43                                     |
| White Chinook | 394                        | 32                          | 82.07                                     | 30                            | 75.08                                     |
| Sockeye       | 230,798                    | 45,898                      | 198.87                                    | 41,229                        | 178.64                                    |
| Coho          | 25,832                     | 3,791                       | 146.77                                    | 3,417                         | 132.27                                    |
| Pink          | 338,474                    | 38,028                      | 112.35                                    | 34,412                        | 101.67                                    |
| Chum          | 68,579                     | 6,434                       | 93.82                                     | 5,750                         | 83.85                                     |
| Steelhead     | 276                        | 25                          | 89.46                                     | 24                            | 86.27                                     |
| TOTAL         | 666,668                    | 94,457                      | -                                         | 85,094                        | -                                         |

- 1 Fish processors were requested to report both a final wholesale value and a net selling value for their canned salmon production. The final wholesale value represents gross sales based upon company invoices. The net selling value refers to the final selling price after promotions, case allowances, cash discounts and other trade discounts which may apply.
- 2 Value divided by quantity may not equal average price due to rounding.

TABLE 14 - BRITISH COLUMBIA CANNED SALMON PACK BY YEAR 1973 - 1984

(48 lb. Cases)

|      | <u>CHINOOK</u> | <u>SOCKEYE</u> | <u>COHO</u> | <u>PINK</u> | <u>CHUM</u> | <u>STEELHEAD</u> | <u>TOTAL</u> |
|------|----------------|----------------|-------------|-------------|-------------|------------------|--------------|
| 1973 | 11,258         | 642,601        | 116,197     | 355,695     | 423,364     | 999              | 1,550,114    |
| 1974 | 20,279         | 709,180        | 160,051     | 307,192     | 230,634     | 1,546            | 1,428,882    |
| 1975 | 13,952         | 164,055        | 61,081      | 240,592     | 37,093      | 597              | 517,370      |
| 1976 | 11,173         | 376,047        | 69,850      | 483,054     | 85,540      | 166              | 1,025,830    |
| 1977 | 29,569         | 494,172        | 74,180      | 686,911     | 61,309      | 826              | 1,346,967    |
| 1978 | 8,916          | 485,748        | 53,960      | 456,058     | 121,487     | 707              | 1,126,876    |
| 1979 | 12,953         | 295,858        | 43,061      | 569,337     | 33,689      | 327              | 955,225      |
| 1980 | 7,599          | 368,844        | 88,217      | 472,462     | 176,884     | 420              | 1,114,426    |
| 1981 | 7,839          | 622,490        | 61,333      | 1,020,545   | 87,866      | 472              | 1,800,545    |
| 1982 | 7,661          | 548,998        | 47,246      | 140,415     | 74,127      | 384              | 818,831      |
| 1983 | 4,306          | 371,483        | 60,560      | 996,727     | 47,120      | 331              | 1,480,527    |
| 1984 | 2,709          | 230,798        | 25,832      | 338,474     | 68,579      | 276              | 666,668      |

TABLE 15 - AVERAGE WHOLESALE PRICE OF BRITISH COLUMBIA CANNED SALMON BY YEAR 1973 - 1984

(\$/48 lb. Case)

| <u>YEAR</u> | <u>CHINOOK</u> | <u>SOCKEYE</u> | <u>COHO</u> | <u>PINK</u> | <u>CHUM</u> | <u>STEELHEAD</u> |
|-------------|----------------|----------------|-------------|-------------|-------------|------------------|
| 1973        | 68.97          | 99.41          | 82.24       | 70.90       | 65.10       | 70.81            |
| 1974        | 63.79          | 90.26          | 80.99       | 70.70       | 61.69       | 65.36            |
| 1975        | 60.62          | 107.05         | 87.44       | 70.89       | 65.04       | 61.12            |
| 1976        | 63.66          | 115.00         | 95.80       | 73.18       | 66.89       | 65.01            |
| 1977        | 87.86          | 113.61         | 104.00      | 75.82       | 71.49       | 81.11            |
| 1978        | 73.01          | 128.69         | 105.43      | 82.89       | 75.81       | 70.19            |
| 1979        | 82.25          | 159.06         | 132.16      | 103.53      | 93.12       | 93.49            |
| 1980        | 93.25          | 168.87         | 134.60      | 114.41      | 100.98      | 98.73            |
| 1981        | 105.01         | 175.17         | 145.55      | 107.87      | 96.34       | 104.22           |
| 1982        | 114.61         | 177.12         | 145.87      | 115.96      | 78.11       | 111.98           |
| 1983        | 103.02         | 178.46         | 136.61      | 97.04       | 93.83       | 112.52           |
| 1984        | 103.57         | 198.87         | 146.77      | 112.35      | 93.82       | 89.46            |

TABLE 16 - QUANTITY AND WHOLESALE VALUE OF BRITISH COLUMBIA DRESSED SALMON PRODUCTION BY SPECIES - 1984<sup>1</sup>

| SPECIES            | FRESH DRESSED |       |          | FROZEN DRESSED |       |          | TOTAL                |        |       |        |         |      |        |         |      |
|--------------------|---------------|-------|----------|----------------|-------|----------|----------------------|--------|-------|--------|---------|------|--------|---------|------|
|                    | Head-On       |       | Head-Off | Head-On        |       | Head-Off | Fresh/Frozen Dressed |        |       |        |         |      |        |         |      |
|                    | 000 kg        | \$000 | \$/kg    | 000 kg         | \$000 | \$/kg    | 000 kg               | \$000  | \$/kg |        |         |      |        |         |      |
| Red Chinook        | 344           | 2,775 | 8.07     | 236            | 2,114 | 8.95     | 126                  | 1,057  | 8.36  | 3,462  | 33,442  | 9.66 | 4,168  | 39,388  | 9.45 |
| Pink Chinook       | 4             | 19    | 4.44     | *              | *     | -        | *                    | *      | -     | 72     | 498     | 6.93 | 76     | 517     | 6.80 |
| White Chinook      | 42            | 211   | 5.01     | 27             | 128   | 4.81     | 11                   | 32     | 2.81  | 313    | 2,083   | 6.66 | 393    | 2,454   | 6.24 |
| Sockeye            | 326           | 2,027 | 6.22     | 379            | 2,257 | 5.95     | 1,304                | 8,991  | 6.90  | 2,270  | 16,699  | 7.36 | 4,279  | 29,974  | 7.00 |
| Coho               | 257           | 1,433 | 5.58     | 321            | 2,173 | 6.76     | 670                  | 4,139  | 6.18  | 6,549  | 47,264  | 7.22 | 7,797  | 55,009  | 7.06 |
| Pink               | 94            | 213   | 2.26     | 72             | 185   | 2.57     | 231                  | 696    | 3.02  | 1,515  | 4,892   | 3.23 | 1,912  | 5,986   | 3.13 |
| Silver Brite Chum  | 16            | 59    | 3.69     | 22             | 112   | 5.01     | 38                   | 155    | 4.13  | 1,881  | 9,780   | 5.20 | 1,957  | 10,106  | 5.16 |
| Semi Brite Chum    | 28            | 123   | 4.41     | 170            | 659   | 3.89     | 43                   | 144    | 3.36  | 2,018  | 9,123   | 4.52 | 2,259  | 10,049  | 4.45 |
| Dark Chum          | *             | *     | -        | *              | *     | -        | *                    | *      | -     | 1,500  | 4,446   | 2.96 | 1,500  | 4,446   | 2.96 |
| Steelhead          | 11            | 63    | 5.76     | 8              | 49    | 6.02     | 100                  | 609    | 6.09  | 49     | 259     | 5.24 | 168    | 980     | 5.83 |
| TOTAL <sup>2</sup> | 1,122         | 6,923 | -        | 1,235          | 7,677 | -        | 2,523                | 15,823 | -     | 19,629 | 128,486 | -    | 24,509 | 158,909 | -    |

<sup>1</sup> Includes farm raised salmon.

<sup>2</sup> Does not include products that were reported by less than three companies.

\* Confidential. Fewer than three companies reporting.

Note: Value divided by quantity may not equal average price due to rounding.

TABLE 17 - FROZEN DRESSED SALMON PRODUCTION IN B.C. BY YEAR 1973-1984

|      | <u>(Tonnes)</u> |                |             |             |             |                  |
|------|-----------------|----------------|-------------|-------------|-------------|------------------|
|      | <u>CHINOOK</u>  | <u>SOCKEYE</u> | <u>COHO</u> | <u>PINK</u> | <u>CHUM</u> | <u>STEELHEAD</u> |
| 1973 | 4,140           | 1,352          | 4,943       | 721         | 10,877      | 16               |
| 1974 | 3,988           | 301            | 3,262       | 218         | 2,870       | -                |
| 1975 | 3,694           | 225            | 3,306       | 1,224       | 2,526       | 17               |
| 1976 | 4,008           | 469            | 4,569       | 529         | 5,445       | 33               |
| 1977 | 4,318           | 1,786          | 5,153       | 2,469       | 2,824       | 31               |
| 1978 | 4,478           | 5,224          | 4,974       | 406         | 8,370       | 41               |
| 1979 | 4,247           | 4,650          | 6,827       | 4,884       | 3,268       | 36               |
| 1980 | 3,745           | 817            | 4,388       | 1,299       | 8,572       | 33               |
| 1981 | 3,738           | 2,962          | 4,196       | 5,686       | 2,824       | 56               |
| 1982 | 4,013           | 9,757          | 5,425       | 413         | 8,643       | 86               |
| 1983 | 2,737           | 2,133          | 5,722       | 4,277       | 2,217       | 53               |
| 1984 | 3,985           | 3,574          | 7,219       | 1,746       | 5,523       | 149              |

TABLE 18 - AVERAGE WHOLESALE PRICE OF FROZEN DRESSED SALMON  
BY YEAR 1973-1984<sup>1</sup>

|      | <u>(\$/kg)</u> |                |             |             |             |                  |
|------|----------------|----------------|-------------|-------------|-------------|------------------|
|      | <u>CHINOOK</u> | <u>SOCKEYE</u> | <u>COHO</u> | <u>PINK</u> | <u>CHUM</u> | <u>STEELHEAD</u> |
| 1973 | 3.40           | 3.04           | 3.15        | 2.03        | 2.09        | 2.99             |
| 1974 | 3.16           | 2.79           | 2.77        | 1.99        | 2.14        | -                |
| 1975 | 3.48           | 3.48           | 3.35        | 2.60        | 2.91        | 3.53             |
| 1976 | 4.96           | 3.64           | 4.20        | 2.71        | 3.38        | 3.22             |
| 1977 | 5.97           | 4.41           | 4.82        | 2.62        | 3.67        | 3.58             |
| 1978 | 6.06           | 6.50           | 6.48        | 3.51        | 4.53        | 4.74             |
| 1979 | 7.42           | 6.06           | 7.05        | 3.44        | 5.14        | 5.64             |
| 1980 | 7.61           | 5.71           | 6.15        | 3.44        | 5.07        | 5.71             |
| 1981 | 8.30           | 6.22           | 6.41        | 3.15        | 4.43        | 5.76             |
| 1982 | 8.33           | 5.36           | 6.17        | 3.15        | 3.97        | 4.89             |
| 1983 | 7.51           | 5.24           | 4.91        | 2.58        | 3.87        | 5.00             |
| 1984 | 9.31           | 7.19           | 7.12        | 3.20        | 4.30        | 5.81             |

<sup>1</sup> Includes both head-on and head-off products. See Table 16 for 1984 average prices of head-on and head-off products.

TABLE 19 - FRESH DRESSED SALMON PRODUCTION IN B.C. BY YEAR 1973-1984

(Tonnes)

|      | <u>CHINOOK</u> | <u>SOCKEYE</u> | <u>COHO</u> | <u>PINK</u> | <u>CHUM</u> | <u>STEELHEAD</u> |
|------|----------------|----------------|-------------|-------------|-------------|------------------|
| 1973 | 673            | 105            | 662         | 205         | 749         | 1                |
| 1974 | 806            | 70             | 674         | 30          | 565         | -                |
| 1975 | 985            | 138            | 829         | 305         | 217         | 4                |
| 1976 | 1,212          | 136            | 896         | 87          | 371         | 6                |
| 1977 | 752            | 187            | 444         | 244         | 404         | 6                |
| 1978 | 535            | 486            | 307         | 35          | 239         | 1                |
| 1979 | 530            | 130            | 370         | 363         | 31          | 1                |
| 1980 | 865            | 113            | 744         | 44          | 90          | 3                |
| 1981 | 485            | 128            | 357         | 144         | 71          | 2                |
| 1982 | 604            | 499            | 360         | 43          | 483         | 3                |
| 1983 | 853            | 602            | 557         | 685         | 260         | 1                |
| 1984 | 653            | 705            | 578         | 166         | 255         | 19               |

TABLE 20 - AVERAGE WHOLESALE PRICE OF FRESH DRESSED SALMON  
BY YEAR 1973-1984<sup>1</sup>

(\$/kg)

|      | <u>CHINOOK</u> | <u>SOCKEYE</u> | <u>COHO</u> | <u>PINK</u> | <u>CHUM</u> | <u>STEELHEAD</u> |
|------|----------------|----------------|-------------|-------------|-------------|------------------|
| 1973 | 3.35           | 3.24           | 3.06        | 1.85        | 2.18        | 3.68             |
| 1974 | 2.90           | 3.12           | 2.70        | 1.66        | 2.00        | -                |
| 1975 | 3.42           | 3.06           | 3.25        | 2.30        | 3.21        | 2.99             |
| 1976 | 4.36           | 3.09           | 3.98        | 2.57        | 3.47        | 3.60             |
| 1977 | 4.39           | 3.03           | 3.73        | 2.13        | 1.84        | 4.05             |
| 1978 | 5.31           | 5.86           | 5.23        | 2.34        | 4.54        | 3.73             |
| 1979 | 6.50           | 5.72           | 6.17        | 1.81        | 5.07        | 4.41             |
| 1980 | 5.43           | 4.62           | 5.14        | 2.93        | 3.35        | 4.23             |
| 1981 | 6.46           | 5.76           | 5.68        | 2.62        | 3.41        | 4.49             |
| 1982 | 6.92           | 4.99           | 4.78        | 2.73        | 3.62        | 3.97             |
| 1983 | 6.29           | 4.75           | 4.49        | 2.30        | 3.06        | 4.62             |
| 1984 | 8.03           | 6.08           | 6.24        | 2.40        | 3.96        | 5.87             |

<sup>1</sup> Includes both head-on and head-off products. See Table 16 for 1984 average prices of head-on and head-off products.

B. HERRING

Total herring landings decreased by 15 percent in 1984, from 40,047 tonnes to 33,875 tonnes. The total landed value decreased by 17 percent for the same time period, from \$53.4 million to \$44.4 million.

Roe herring landings dropped from 39,155 tonnes in 1983 to 32,795 tonnes in 1984, a decrease of 16 percent. The landed value of roe herring decreased by 17 percent, from \$52.9 million to \$43.6 million. Although small compared to roe, food and bait herring landings increased in 1984, from 892 tonnes to 1,080 tonnes. The landed value also rose, from \$491 thousand to \$720 thousand, an increase of 47 percent.

The total wholesale value of herring production in 1984 was \$99 million, a decrease of 11 percent compared to \$111.1 million in 1983. The wholesale value of herring roe production was \$96.1 million, down 11 percent compared to 1983. The average price, however, increased slightly in 1984, from \$18.27/kg to \$18.71/kg. Roe herring production, including herring meal, oil and spawn-on-kelp, accounted for 97 percent of the total wholesale value of herring production. The wholesale value of herring frozen for food was \$125 thousand while bait was valued at \$1.9 million. Frozen food and bait herring accounted for only 2 percent of the total wholesale value of herring in 1984, as was the case in 1983. The value of other herring products, including kippers, kippered snacks, pickled and fillets, totaled \$853 thousand or 1 percent of the total.

TABLE 21 - ROE HERRING LANDINGS AND WHOLESALE VALUE OF ROE HERRING PRODUCTS

|      |                              | 1973 - 1984                              |                     | WHOLESALE VALUE              |                               |                                                      |
|------|------------------------------|------------------------------------------|---------------------|------------------------------|-------------------------------|------------------------------------------------------|
|      | LANDINGS <sup>1</sup><br>(t) | LANDED<br>VALUE <sup>1</sup><br>(\$'000) | ROE<br>(\$'000)     | SPAWN<br>ON KELP<br>(\$'000) | FROZEN<br>FOR ROE<br>(\$'000) | TOTAL<br>WHOLESALE<br>VALUE <sup>4</sup><br>(\$'000) |
| 1973 | 50,960                       | 10,523                                   | 24,262              | -                            | 4,294                         | 30,147                                               |
| 1974 | 43,505                       | 11,876                                   | 24,699              | -                            | 1,802                         | 28,858                                               |
| 1975 | 53,293                       | 13,812                                   | 24,081 <sup>2</sup> | 100                          | 5,836                         | 31,405                                               |
| 1976 | 78,832                       | 23,333                                   | 52,196 <sup>2</sup> | 597                          | 6,444                         | 61,848                                               |
| 1977 | 73,485                       | 29,542                                   | 73,292              | 1,407                        | 1,405                         | 79,799                                               |
| 1978 | 63,408                       | 52,933                                   | 130,743             | 2,521                        | 3,979                         | 141,508                                              |
| 1979 | 37,480                       | 126,866                                  | 182,304             | 5,011                        | 5,163                         | 195,387                                              |
| 1980 | 16,414                       | 26,357                                   | 33,074              | 2,448                        | 1,058                         | 38,297                                               |
| 1981 | 29,486                       | 35,928                                   | 69,946              | 3,308                        | - <sup>3</sup>                | 74,198                                               |
| 1982 | 27,658                       | 35,479                                   | 76,963              | 3,900                        | -                             | 83,057                                               |
| 1983 | 39,155                       | 52,902                                   | 98,094              | 6,455                        | -                             | 107,946                                              |
| 1984 | 32,795                       | 43,645                                   | 88,090              | 4,508                        | - <sup>3</sup>                | 96,058                                               |

<sup>1</sup> Includes spawn on kelp (1975 - 1984).

<sup>2</sup> Includes spawn off nets.

<sup>3</sup> Confidential - less than three companies reporting. Included in the total wholesale value,

<sup>4</sup> Includes roe herring by-products.

TABLE 22 - FOOD AND BAIT HERRING LANDINGS AND WHOLESALE VALUE OF FOOD AND BAIT HERRING PRODUCTS 1973 - 1984

|      |                 | WHOLESALE VALUE             |                                |                  | TOTAL<br>WHOLESALE<br>VALUE <sup>1</sup><br>(\$'000) |
|------|-----------------|-----------------------------|--------------------------------|------------------|------------------------------------------------------|
|      | LANDINGS<br>(t) | LANDED<br>VALUE<br>(\$'000) | FROZEN<br>FOR FOOD<br>(\$'000) | BAIT<br>(\$'000) |                                                      |
| 1973 | 4,665           | 428                         | 2,627                          | 362              | 4,494                                                |
| 1974 | 1,165           | 167                         | 236                            | 293              | 998                                                  |
| 1975 | 6,361           | 772                         | 674                            | 611              | 3,528                                                |
| 1976 | 2,329           | 542                         | 2,207                          | 172              | 3,698                                                |
| 1977 | 23,805          | 4,156                       | 8,353                          | 449              | 10,265                                               |
| 1978 | 18,145          | 4,194                       | 9,484                          | 1,420            | 13,523                                               |
| 1979 | 6,181           | 2,131                       | 3,204                          | 2,133            | 6,546                                                |
| 1980 | 8,909           | 2,891                       | 7,207                          | 1,597            | 9,919                                                |
| 1981 | 8,663           | 2,177                       | 5,516                          | 1,480            | 8,253                                                |
| 1982 | 1,117           | 450                         | 1,010                          | 1,463            | 3,391                                                |
| 1983 | 892             | 491                         | 418                            | 1,838            | 3,104                                                |
| 1984 | 1,080           | 720                         | 125                            | 1,920            | 2,898                                                |

<sup>1</sup> Includes other food and bait herring products.

### C. HALIBUT

The halibut catch in Canadian waters that was delivered to British Columbia ports increased by 67 percent in 1984, from 1,865 tonnes in 1983 to 3,110 tonnes. The increase in landed value was not as dramatic, rising from \$6.4 million to \$7.2 million, an increase of 13 percent. In addition to these landings, 923 tonnes of halibut valued at \$2.2 million were caught in Canadian waters and delivered by Canadian fishermen to U.S. ports. This compares to 533 tonnes, worth approximately \$1.9 million, delivered to U.S. ports in the preceding year. The total catch by British Columbia fishermen was 4,033 tonnes, valued at \$9.4 million. The overall landed quantity increased by 68 percent, while the total landed value only increased by 13 percent. The larger catch reflects the strengthening of Pacific halibut stocks, which led the International Pacific Halibut Commission to increase the catch limit in 1984.

The total wholesale value of halibut processed in British Columbia plants was \$11.6 million in 1984, an increase of 26 percent compared to 1983. Frozen dressed halibut was the major product marketed with a wholesale value of \$7.8 million, accounting for 67 percent of the total wholesale value. Fresh dressed halibut contributed 29 percent, with a total wholesale value of \$3.3 million. Halibut fillets, steaks and "other" products were also processed. Including halibut landed by B.C. fishermen and delivered to U.S. ports, the total 1984 wholesale value was up by 24 percent from \$11.2 million in 1983 to \$13.8 million.

TABLE 23 - LANDINGS AND WHOLESALE VALUE OF HALIBUT IN B.C.<sup>1</sup>

|      | <u>1973 - 1984</u>                |                                      |                                          |                                         |
|------|-----------------------------------|--------------------------------------|------------------------------------------|-----------------------------------------|
|      | <u>TOTAL<br/>LANDINGS<br/>(t)</u> | <u>LANDED<br/>VALUE<br/>(\$'000)</u> | <u>AVG. LANDED<br/>PRICE<br/>(\$)/KG</u> | <u>WHOLESALE<br/>VALUE<br/>(\$'000)</u> |
| 1973 | 4,491                             | 7,348                                | 1.64                                     | 9,613 <sup>2</sup>                      |
| 1974 | 2,948                             | 4,746                                | 1.61                                     | 6,302 <sup>2</sup>                      |
| 1975 | 3,538                             | 7,055                                | 1.99                                     | 9,803 <sup>2</sup>                      |
| 1976 | 4,318                             | 11,974                               | 2.77                                     | 15,347 <sup>2</sup>                     |
| 1977 | 2,818                             | 8,278                                | 2.94                                     | 9,756                                   |
| 1978 | 2,294                             | 10,001                               | 4.36                                     | 12,827                                  |
| 1979 | 2,410                             | 14,004                               | 5.81                                     | 17,692                                  |
| 1980 | 2,668                             | 7,341                                | 2.75                                     | 9,962                                   |
| 1981 | 2,233                             | 6,592                                | 2.95                                     | 10,548                                  |
| 1982 | 1,690                             | 4,715                                | 2.79                                     | 5,488                                   |
| 1983 | 1,865                             | 6,381                                | 3.42                                     | 9,268                                   |
| 1984 | 3,110                             | 7,222                                | 2.32                                     | 11,640                                  |

<sup>1</sup> Not including Canadian landings of halibut in Alaska and Washington.

<sup>2</sup> Includes the value of specialty items such as fish and chips, portions, fish sticks, etc.

#### D. GROUND FISH

Domestic groundfish landings continued to increase in 1984, from 36,046 tonnes in 1983 to 37,973 tonnes, a rise of 5 percent. The landed value increased by 13 percent from \$19.0 million to \$21.4 million in 1984. The landed values associated with the majority of groundfish species experienced increases, with rockfish (including Pacific ocean perch), sablefish and sole registering the largest. Greycod, dogfish and pollock were the only species to show decreases.

The total wholesale value of groundfish production increased by 12 percent over the 1983 value of \$42.2 million, to \$47.1 million in 1984. Rockfish continued to display a dramatic increase in wholesale value, rising from \$11.8 million in 1983 to \$14.7 million, an increase of 25 percent. Rockfish now accounts for over 30 percent of the total groundfish wholesale value. The wholesale value of sablefish also continued its upward trend, increasing from \$7.4 million in 1983 to \$8.8 million. The wholesale values of sole, ling cod, flounder, turbot, hake and dogfish also increased, while the values associated with grey cod, pollock and skate experienced decreases.

TABLE 24 - COMPARATIVE WHOLESALE VALUES OF MAJOR GROUND FISH SPECIES

| SPECIES                       | 1982 - 1984      |                  |                  |
|-------------------------------|------------------|------------------|------------------|
|                               | 1982<br>(\$'000) | 1983<br>(\$'000) | 1984<br>(\$'000) |
| Sole                          | 4,723            | 4,093            | 4,913            |
| Rockfish <sup>1</sup>         | 5,399            | 11,828           | 14,663           |
| Grey Cod                      | 7,603            | 7,452            | 7,038            |
| Ling Cod                      | 3,685            | 3,814            | 3,931            |
| Sablefish                     | 7,081            | 7,447            | 8,829            |
| Flounder                      | 108              | 58               | 74               |
| Skate                         | 122              | 163              | 120              |
| Pollock                       | 2,084            | 2,372            | 1,485            |
| Turbogt                       | 1,182            | 1,124            | 1,246            |
| Hake <sup>2</sup>             | 555              | 400              | 649              |
| Dogfish                       | 1,392            | 836              | 858              |
| Other Groundfish <sup>3</sup> | 2,997            | 2,572            | 3,247            |
| TOTAL                         | 36,931           | 42,159           | 47,053           |

<sup>1</sup> Includes Pacific ocean perch, red snapper and other rockfish.

<sup>2</sup> Does not include over-the-side sales to foreign vessels in co-operative fishing arrangements.

<sup>3</sup> Includes other groundfish, portions, sticks and specialties, and groundfish meal, oil and solubles.

Domestic hake landings do not include cooperative fishing arrangements with foreign nations. In 1984, 28,906 tonnes worth approximately \$4.7 million were purchased by Poland and the Soviet Union from Canadian fishermen. This represents an increase of 5 percent in landings compared to the previous year. Since the initiation of over-the-side hake sales to foreign nations in 1978, the catch has increased from 1,814 to 28,906 tonnes, while the landed value has risen from \$240 thousand to \$4.7 million.

TABLE 25 - OVER-THE-SIDE SALES OF PACIFIC HAKE TO FOREIGN NATIONS BY YEAR<sup>1</sup>

1978 - 1984

|      | <u>POLAND</u> |               | <u>SOVIET UNION</u> |               | <u>GREECE</u> |               | <u>TOTAL</u>  |               |
|------|---------------|---------------|---------------------|---------------|---------------|---------------|---------------|---------------|
|      | <u>Tonnes</u> | <u>\$'000</u> | <u>Tonnes</u>       | <u>\$'000</u> | <u>Tonnes</u> | <u>\$'000</u> | <u>Tonnes</u> | <u>\$'000</u> |
| 1978 | 1,814         | 240           | -                   | -             | -             | -             | 1,814         | 240           |
| 1979 | 3,102         | 445           | 1,131               | 162           | -             | -             | 4,233         | 607           |
| 1980 | 4,560         | 739           | 4,300               | 614           | 3,355         | 609           | 12,215        | 1,962         |
| 1981 | 4,998         | 826           | 7,232               | 1,190         | 4,929         | 894           | 17,159        | 2,910         |
| 1982 | 10,279        | 1,714         | 9,397               | 1,550         | -             | -             | 19,676        | 3,264         |
| 1983 | 13,465        | 2,270         | 14,192              | 2,363         | -             | -             | 27,657        | 4,633         |
| 1984 | 9,214         | 1,609         | 19,692              | 3,044         | -             | -             | 28,906        | 4,653         |

<sup>1</sup> Does not include domestic hake catch or national allocations to the Soviet Union, Poland and Japan.

# E. SHELLFISH

Shellfish landings increased from 10,258 tonnes in 1983 to 13,046 tonnes in 1984. This combined increase of 27 percent reflects the overall trend of increased landings for most shellfish species. The only shellfish species group which showed a decrease in reported landings in 1984 was octopus, all others recorded at least minor increases. The total landed value was also up significantly, from \$12.8 million to \$18.0 million, an increase of 41 percent. The landed values for all individual species followed the same trend as their landings, i.e. all showed increases except octopus.

The total wholesale value of shellfish production increased by 45 percent from \$17.9 million in 1983 to \$26.0 million in 1984. Clams, including geoducks, accounted for 39 percent, crab 22 percent, shrimp and prawns 19 percent and oysters 10 percent. Abalone, mussels, octopus, scallops, sea cucumbers, sea urchins, squid and other shellfish accounted for the remaining 10 percent. The recorded wholesale value of abalone and mussel products were the only ones to show a decrease from the 1983 levels.

TABLE 26 - COMPARATIVE WHOLESALE VALUES OF MAJOR SHELLFISH SPECIES

| SPECIES            | 1982 - 1984      |                  |                  |
|--------------------|------------------|------------------|------------------|
|                    | 1982<br>(\$'000) | 1983<br>(\$'000) | 1984<br>(\$'000) |
| Abalone            | 706              | 590              | 560              |
| Clams <sup>1</sup> | 2,343            | 2,686            | 5,010            |
| Geoducks           | 5,162            | 4,202            | 5,175            |
| Crabs              | 3,285            | 3,941            | 5,639            |
| Octopus            | 51               | 97               | 110              |
| Oysters            | 1,229            | 1,599            | 2,483            |
| Shrimp             | 1,452            | 1,308            | 2,173            |
| Prawns             | 1,929            | 2,270            | 2,886            |
| Squid              | 20               | 13               | 25               |
| Mussels            | 3                | 4                | 3                |
| Scallops           | -                | 23               | 114              |
| Sea Urchins        | *                | 935              | 1,774            |
| Other              | 556 <sup>2</sup> | 183 <sup>2</sup> | 33 <sup>3</sup>  |
| TOTAL              | 16,736           | 17,851           | 25,985           |

<sup>1</sup> Includes horse clams.

<sup>2</sup> Other shellfish n.e.s.

<sup>3</sup> Includes sea cucumbers and other shellfish n.e.s.

\* Confidential. Less than three companies reporting. Included in "other".

F. MARICULTURE PRODUCTION

1. OYSTERS

The Provincial production of Pacific oysters (*Crassostrea gigas*) continued to increase in 1984 to 2,897 tonnes, an 18 percent increase over the 2,453 tonnes produced in 1983. Higher prices for both shucked and half-shell product increased the 1983 landed value of \$1.6 million by 36 percent to \$2.1 million.

Half-shell production increased dramatically for the fourth consecutive year pushing the total to 172,000 dozen, an increase of 30 percent from the 132,000 dozen produced in 1983. The demand for smaller sized half-shell product has allowed oyster farmers to sell their product in as little as 18 months, thus increasing cash flow and resulting in increased turnover of product.

TABLE 27 - BRITISH COLUMBIA OYSTER PRODUCTION - 1973 - 1984

|                   | <u>Production<sup>1</sup></u><br><u>(Tonnes)</u> | <u>Landed Value</u><br><u>(\$'000)</u> |
|-------------------|--------------------------------------------------|----------------------------------------|
| 1973              | 4,787                                            | 875                                    |
| 1974              | 3,930                                            | 880                                    |
| 1975              | 3,246                                            | 883                                    |
| 1976              | 3,245                                            | 887                                    |
| 1977              | 2,998                                            | 981                                    |
| 1978              | 2,793                                            | 1,021                                  |
| 1979              | 2,231                                            | 893                                    |
| 1980              | 1,922                                            | 1,134                                  |
| 1981 <sup>2</sup> | 1,415                                            | 1,030                                  |
| 1982 <sup>2</sup> | 1,579                                            | 981                                    |
| 1983 <sup>2</sup> | 2,453                                            | 1,554                                  |
| 1984 <sup>2</sup> | 2,897                                            | 2,109                                  |

<sup>1</sup> 1973-1980 production data was provided by the Department of Fisheries Oceans and 1981 - 1984 data was provided by the Shellfish Management Development Unit, Marine Resources Section.

<sup>2</sup> Includes a small amount of wild oyster harvest from picking permits.

## 2. SALMON

The salmonid farming industry in British Columbia is still very much in a developmental stage. Although coho and chinook are the favoured species of the indigenous Pacific salmon for farming, at least two other species are now being experimented with. Rainbow trout are currently being raised in salt water pens and imported Atlantic salmon eggs are also being reared for future grow out in net pens. Interest in this industry has continued to grow tremendously during the past year to a point where there are now approximately 30 active operations and many more in the application process.

In 1984 ten companies reported production totalling 107 tonnes worth \$702 thousand. This represents a 16 percent decrease in quantity and a 1 percent decline in value from the 1983 production of 128 tonnes worth \$708 thousand. This downturn was partially due to the fact that a number of the major operators were holding over larger fish as broodstock to potentially provide an interim egg supply to the industry for the next few years. This may well be needed as the increased number of salmon farms has put a heavy demand upon Federal hatcheries and private smolt producers for surplus eggs and smolts.

Although the salmon farming industry was originally oriented towards the production of "pan-size" (250-300 gm) salmon for restaurant and supermarket sales, the demand continues to grow for large (1 kg or greater) fresh farmed salmon. Production is expected to grow significantly in the future as more new farms begin to market their fish.

TABLE 28 - BRITISH COLUMBIA SALMON MARICULTURE PRODUCTION - 1979 - 1984<sup>1</sup>

|      | COHO                 |                   | CHINOOK              |                   | TOTAL PRODUCTION     |                   |
|------|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|
|      | Quantity<br>(Tonnes) | Value<br>(\$'000) | Quantity<br>(Tonnes) | Value<br>(\$'000) | Quantity<br>(Tonnes) | Value<br>(\$'000) |
| 1979 | 41                   | 157               | -                    | -                 | 41                   | 157               |
| 1980 | 157                  | 898               | -                    | -                 | 157                  | 898               |
| 1981 | 176                  | 985               | -                    | -                 | 176                  | 985               |
| 1982 | 230                  | 908               | 43                   | 228               | 273                  | 1,136             |
| 1983 | 73                   | 350               | 55                   | 358               | 128                  | 708               |
| 1984 | 64 <sup>2</sup>      | 306               | 43                   | 396               | 107                  | 702               |

<sup>1</sup> Source: British Columbia Annual Fisheries Production Statistics and British Columbia Commercial Fish Farm Statistics.

<sup>2</sup> Includes an unspecified amount of marine pen-reared rainbow trout.

G) MAJOR SPECIES BY PRODUCT TYPE

TABLE 29 - LANDINGS AND PRODUCTS PROCESSED IN B.C. - 1984<sup>1</sup>

| <u>SPECIES</u>                       | <u>QUANTITY<br/>(Tonnes)</u> | <u>VALUE<br/>(\$'000)</u> | <u>AVG. PRICE<sup>2</sup><br/>(\$/KG)</u> |
|--------------------------------------|------------------------------|---------------------------|-------------------------------------------|
| <u>ABALONE</u>                       |                              |                           |                                           |
| Landed                               | 58                           | 530                       | 9.15                                      |
| Processed:                           |                              |                           |                                           |
| In Shell, Fresh or Frozen            | 54                           | 560                       | 10.40                                     |
| Abalone Products <sup>3</sup>        | -                            | *                         | -                                         |
| Total Wholesale Value                | -                            | 560                       | -                                         |
| <u>CLAMS</u>                         |                              |                           |                                           |
| Butter Clams Landed <sup>4</sup>     | -                            | -                         | -                                         |
| Processed:                           |                              |                           |                                           |
| Meat, Fresh or Frozen                | 24                           | 146                       | 6.06                                      |
| Butter Clam Products <sup>5</sup>    | -                            | 15                        | -                                         |
| Total Wholesale Value                | -                            | 161                       | -                                         |
| Geoduck Clams Landed                 | 3,483                        | 2,937                     | 0.84                                      |
| Processed:                           |                              |                           |                                           |
| Live                                 | 372                          | 634                       | 1.70                                      |
| Neck Meat                            | 645                          | 4,060                     | 6.30                                      |
| Body Meat                            | 262                          | 474                       | 1.81                                      |
| Other <sup>6</sup>                   | -                            | 7                         | -                                         |
| Total Wholesale Value                | -                            | 5,175                     | -                                         |
| Littleneck Clams Landed <sup>4</sup> | -                            | -                         | -                                         |
| Processed:                           |                              |                           |                                           |
| Live                                 | 2,311                        | 4,378                     | 1.89                                      |
| Total Wholesale Value                | -                            | 4,378                     | -                                         |
| Other Clams Landed <sup>7</sup>      | 2,622                        | 2,763                     | 1.05                                      |
| Processed:                           |                              |                           |                                           |
| Fresh or Frozen                      | 93                           | 189                       | 2.04                                      |
| Other <sup>8</sup>                   | -                            | 282                       | -                                         |
| Total Wholesale Value                | -                            | 471                       | -                                         |
| <u>CRABS</u>                         |                              |                           |                                           |
| Landed                               | 1,155                        | 4,558                     | 3.95                                      |
| Processed:                           |                              |                           |                                           |
| In shell, Fresh                      | 689                          | 3,521                     | 5.11                                      |
| In shell, Frozen                     | 46                           | 279                       | 6.03                                      |
| Meat, Fresh                          | 52                           | 1,273                     | 24.70                                     |
| Meat, Frozen                         | 5                            | 137                       | 26.77                                     |
| Cooked                               | 76                           | 399                       | 5.22                                      |
| Other <sup>9</sup>                   | -                            | 30                        | -                                         |
| Total Wholesale Value                | -                            | 5,639                     | -                                         |

TABLE 29 - CONT'D

| SPECIES               | QUANTITY<br>(Tonnes) | VALUE<br>(\$'000) | AVG. PRICE <sup>2</sup><br>(\$/KG) |
|-----------------------|----------------------|-------------------|------------------------------------|
| <u>DOGFISH</u>        |                      |                   |                                    |
| Landed                | 2,441                | 551               | 0.23                               |
| Processed:            |                      |                   |                                    |
| Fresh                 | 1,708                | 402               | 0.24                               |
| Flaps                 | 49                   | 123               | 2.48                               |
| Backs                 | 229                  | 266               | 1.16                               |
| Fins & Tails          | 16                   | 45                | 2.76                               |
| Other <sup>10</sup>   | -                    | 22                | -                                  |
| Total Wholesale Value | -                    | 858               | -                                  |
| <u>EULACHONS</u>      |                      |                   |                                    |
| Landed                | 12                   | 11                | 0.92                               |
| Processed:            |                      |                   |                                    |
| Fresh                 | 11                   | 17                | 1.50                               |
| Other <sup>11</sup>   | -                    | 7                 | -                                  |
| Total Wholesale Value | -                    | 24                | -                                  |
| <u>FLOUNDER</u>       |                      |                   |                                    |
| Landed                | 169                  | 53                | 0.32                               |
| Processed:            |                      |                   |                                    |
| Fresh or Frozen       | 2                    | 3                 | 1.41                               |
| Fillets, Fresh        | 10                   | 36                | 3.68                               |
| Fillets, Frozen       | 9                    | 35                | 3.97                               |
| Total Wholesale Value | -                    | 74                | -                                  |
| <u>GREY COD</u>       |                      |                   |                                    |
| Landed <sup>12</sup>  | 3,622                | 1,765             | 0.48                               |
| Processed:            |                      |                   |                                    |
| Fresh                 | 56                   | 49                | 0.88                               |
| Frozen                | 70                   | 93                | 1.32                               |
| Fillets, Fresh        | 690                  | 2,354             | 3.41                               |
| Fillets, Frozen       | 146                  | 580               | 3.97                               |
| Other <sup>13</sup>   | -                    | 3,962             | -                                  |
| Total Wholesale Value | -                    | 7,038             | -                                  |
| <u>HAKE</u>           |                      |                   |                                    |
| Landed                | 4,690                | 560               | 0.12                               |
| Processed:            |                      |                   |                                    |
| Fresh                 | 4,409                | 510               | 0.12                               |
| Other <sup>14</sup>   | -                    | 139               | -                                  |
| Total Wholesale Value | -                    | 649               | -                                  |
| <u>HALIBUT</u>        |                      |                   |                                    |
| Landed (B.C. Ports)   | 3,110                | 7,222             | 2.32                               |
| Processed:            |                      |                   |                                    |
| Fresh                 | 987                  | 3,329             | 3.37                               |
| Frozen                | 2,135                | 7,800             | 3.65                               |
| Fillets, Frozen       | 7                    | 62                | 9.05                               |
| Steaks, Frozen        | 65                   | 426               | 6.54                               |
| Other <sup>15</sup>   | -                    | 23                | -                                  |
| Total Wholesale Value | -                    | 11,640            | -                                  |

TABLE 29 - CONT'D

| SPECIES               | QUANTITY<br>(Tonnes) | VALUE<br>(\$'000) | AVG. PRICE <sup>2</sup><br>(\$/KG) |
|-----------------------|----------------------|-------------------|------------------------------------|
| <u>HERRING</u>        |                      |                   |                                    |
| Landed <sup>16</sup>  | 33,875               | 44,365            | 1.31                               |
| Processed:            |                      |                   |                                    |
| Bait; Fresh or Frozen | 1,209                | 1,920             | 1.59                               |
| Frozen for Food       | 155                  | 125               | 0.81                               |
| Body and Offal Oil    | 361                  | 310               | 0.86                               |
| Body and Offal Meal   | 3,939                | 2,977             | 0.76                               |
| Roe <sup>17</sup>     | 4,708                | 88,090            | 18.71                              |
| Spawn on Kelp         | 172                  | 4,508             | 26.18                              |
| Other <sup>18</sup>   | -                    | 1,026             | -                                  |
| Total Wholesale Value | -                    | 98,956            | -                                  |
| <u>LING COD</u>       |                      |                   |                                    |
| Landed                | 3,707                | 2,183             | 0.59                               |
| Processed:            |                      |                   |                                    |
| Fresh                 | 293                  | 489               | 1.67                               |
| Frozen                | 243                  | 407               | 1.68                               |
| Fillets, Fresh        | 416                  | 1,349             | 3.24                               |
| Fillets, Frozen       | 415                  | 1,374             | 3.31                               |
| Other <sup>19</sup>   | -                    | 312               | -                                  |
| Total Wholesale Value | -                    | 3,931             | -                                  |
| <u>MUSSELS</u>        |                      |                   |                                    |
| Landed                | 1                    | 1                 | 1.15                               |
| Processed:            |                      |                   |                                    |
| In Shell              | 1                    | 3                 | 3.24                               |
| Total Wholesale Value | -                    | 3                 | -                                  |
| <u>OCTOPUS</u>        |                      |                   |                                    |
| Landed                | 25                   | 56                | 2.24                               |
| Processed:            |                      |                   |                                    |
| Fresh                 | 4                    | 12                | 3.36                               |
| Frozen                | 14                   | 48                | 3.48                               |
| Bait                  | 22                   | 50                | 2.27                               |
| Total Wholesale Value | -                    | 110               | -                                  |
| <u>OYSTERS</u>        |                      |                   |                                    |
| Landed                | 2,897                | 2,109             | 0.73                               |
| Processed:            |                      |                   |                                    |
| In Shell              | 87                   | 100               | 1.15                               |
| Half Shell (dozens)   | 172,256              | 516               | 3.00                               |
| Meat, Fresh, 8 oz.    | 60                   | 449               | 7.44                               |
| Meat, Fresh, 16 oz.   | 6                    | 42                | 7.37                               |
| Meat, Fresh, 32 oz.   | 196                  | 1,290             | 6.59                               |
| Meat, Fresh, 128 oz.  | 1                    | 11                | 11.67                              |
| Other <sup>20</sup>   | -                    | 75                | -                                  |
| Total Wholesale Value | -                    | 2,483             | -                                  |

TABLE 29 - CONT'D

| SPECIES                    | QUANTITY<br>(Tonnes) | VALUE<br>(\$'000) | AVG. PRICE <sup>2</sup><br>(\$/KG) |
|----------------------------|----------------------|-------------------|------------------------------------|
| <u>PACIFIC OCEAN PERCH</u> |                      |                   |                                    |
| Landed                     | 7,043                | 2,975             | 0.42                               |
| Processed:                 |                      |                   |                                    |
| Fresh                      | 1,310                | 678               | 0.52                               |
| Frozen                     | 510                  | 790               | 1.55                               |
| Fillets, Fresh             | 1,160                | 3,963             | 3.42                               |
| Fillets, Frozen            | 644                  | 2,362             | 3.67                               |
| Other <sup>21</sup>        | -                    | 245               | -                                  |
| Total Wholesale Value      | -                    | 8,038             | -                                  |
| <u>POLLOCK</u>             |                      |                   |                                    |
| Landed                     | 596                  | 136               | 0.23                               |
| Processed:                 |                      |                   |                                    |
| Fresh                      | 105                  | 37                | 0.35                               |
| Fillets, Fresh             | 16                   | 52                | 3.16                               |
| Fillets, Frozen            | 154                  | 481               | 3.12                               |
| Other <sup>22</sup>        | -                    | 915               | -                                  |
| Total Wholesale Value      | -                    | 1,485             | -                                  |
| <u>PRAWNS</u>              |                      |                   |                                    |
| Landed <sup>23</sup>       | 505                  | 3,262             | 6.46                               |
| Processed:                 |                      |                   |                                    |
| Fresh                      | 208                  | 1,396             | 6.70                               |
| Frozen                     | 129                  | 1,057             | 8.20                               |
| Tails, Frozen, Cooked      | 24                   | 372               | 15.36                              |
| Whole Frozen Cooked        | 7                    | 61                | 9.14                               |
| Total Wholesale Value      | -                    | 2,886             | -                                  |
| <u>RED SNAPPER</u>         |                      |                   |                                    |
| Landed <sup>24</sup>       | -                    | -                 | -                                  |
| Processed:                 |                      |                   |                                    |
| Fresh                      | 182                  | 295               | 1.62                               |
| Frozen                     | 78                   | 155               | 1.98                               |
| Fillets, Fresh             | 752                  | 2,460             | 3.27                               |
| Fillets, Frozen            | 154                  | 515               | 3.34                               |
| Other <sup>25</sup>        | -                    | 2                 | -                                  |
| Total Wholesale Value      | -                    | 3,427             | -                                  |
| <u>ROCKFISH</u>            |                      |                   |                                    |
| Landed                     | 7,489                | 3,978             | 0.53                               |
| Processed:                 |                      |                   |                                    |
| Fresh                      | 956                  | 1,098             | 1.15                               |
| Frozen                     | 90                   | 144               | 1.60                               |
| Fillets, Fresh             | 467                  | 1,397             | 2.99                               |
| Fillets, Frozen            | 170                  | 559               | 3.29                               |
| Total Wholesale Value      | -                    | 3,198             | -                                  |

TABLE 29 - CONT'D

| SPECIES                             | QUANTITY<br>(Tonnes) | VALUE<br>(\$'000) | AVG. PRICE <sup>2</sup><br>(\$/KG) |
|-------------------------------------|----------------------|-------------------|------------------------------------|
| <u>SABLEFISH</u>                    |                      |                   |                                    |
| Landed <sup>12</sup>                | 3,852                | 6,998             | 1.82                               |
| Processed:                          |                      |                   |                                    |
| Fresh                               | 21                   | 43                | 2.01                               |
| Frozen                              | 177                  | 523               | 2.96                               |
| Frozen Dressed, Japanese            |                      |                   |                                    |
| Cut                                 | 2,127                | 7,313             | 3.44                               |
| Frozen Dressed, Western             |                      |                   |                                    |
| Cut                                 | 136                  | 418               | 3.06                               |
| Smoked, Dressed                     | 53                   | 265               | 5.04                               |
| Smoked Fillets                      | 57                   | 267               | 4.66                               |
| Total Wholesale Value               | -                    | 8,829             | -                                  |
| <u>SALMON</u>                       |                      |                   |                                    |
| Landed <sup>26</sup>                | 47,865               | 144,814           | 3.03                               |
| Processed:                          |                      |                   |                                    |
| Fresh Round                         | 335                  | 776               | 2.32                               |
| Fresh Dressed                       | 2,376                | 14,656            | 6.17                               |
| Frozen Dressed                      | 22,196               | 144,405           | 6.51                               |
| Frozen Fillets & Steaks             | 162                  | 1,272             | 7.85                               |
| Mild Cured                          | 497                  | 4,602             | 9.26                               |
| Smoked                              | 683                  | 9,421             | 13.79                              |
| Canned <sup>27</sup> (48 lb. cases) | 666,668              | 94,457            | 141.69                             |
| Roe <sup>28</sup>                   | 940                  | 5,065             | 5.39                               |
| Other Specialty Products            | -                    | 211               | -                                  |
| Other <sup>29</sup>                 | -                    | 1,376             | -                                  |
| Total Wholesale Value               | -                    | 276,241           | -                                  |
| <u>SCALLOPS</u>                     |                      |                   |                                    |
| Landed                              | 18                   | 56                | 3.15                               |
| Processed:                          |                      |                   |                                    |
| In shell, Fresh or Frozen           | 30                   | 114               | 3.76                               |
| Total Wholesale Value               | -                    | 114               | -                                  |
| <u>SEA URCHINS</u>                  |                      |                   |                                    |
| Landed                              | 1,764                | 712               | 0.40                               |
| Processed:                          |                      |                   |                                    |
| Roe in trays                        | 92                   | 1,661             | 17.96                              |
| Bulk Roe                            | 19                   | 106               | 5.73                               |
| Other <sup>30</sup>                 | -                    | 7                 | -                                  |
| Total Wholesale Value               | -                    | 1,774             | -                                  |

TABLE 29 - CONT'D

| <u>SPECIES</u>                    | <u>QUANTITY<br/>(Tonnes)</u> | <u>VALUE<br/>(\$'000)</u> | <u>AVG. PRICE<sup>2</sup><br/>(\$/KG)</u> |
|-----------------------------------|------------------------------|---------------------------|-------------------------------------------|
| <u>SHRIMP</u>                     |                              |                           |                                           |
| Landed                            | 409                          | 1,022                     | 2.50                                      |
| Processed: <sup>31</sup>          |                              |                           |                                           |
| Fresh                             | 83                           | 334                       | 4.05                                      |
| Frozen                            | 18                           | 101                       | 5.70                                      |
| Shrimp Meat, Fresh                | 104                          | 1,396                     | 13.40                                     |
| Shrimp Meat, Frozen               | 8                            | 105                       | 13.26                                     |
| Other <sup>32</sup>               | -                            | 237                       | -                                         |
| Total Wholesale Value             | -                            | 2,173                     | -                                         |
| <u>SKATE</u>                      |                              |                           |                                           |
| Landed                            | 390                          | 56                        | 0.14                                      |
| Processed:                        |                              |                           |                                           |
| Fresh                             | 10                           | 18                        | 1.86                                      |
| Wings                             | 46                           | 90                        | 1.98                                      |
| Other <sup>33</sup>               | -                            | 12                        | -                                         |
| Total Wholesale Value             | -                            | 120                       | -                                         |
| <u>SMELT</u>                      |                              |                           |                                           |
| Landed                            | 2                            | 4                         | 2.30                                      |
| Processed:                        |                              |                           |                                           |
| Fresh or Frozen                   | 1                            | 2                         | 2.30                                      |
| Total Wholesale Value             | -                            | 2                         | -                                         |
| <u>SOLE</u>                       |                              |                           |                                           |
| Dover Sole Landed <sup>34</sup>   | -                            | -                         | -                                         |
| Processed:                        |                              |                           |                                           |
| Fresh or Frozen                   | 33                           | 35                        | 1.08                                      |
| Fillets, Fresh                    | 21                           | 108                       | 5.25                                      |
| Fillets, Frozen                   | 2                            | 12                        | 6.15                                      |
| Total Wholesale Value             | -                            | 155                       | -                                         |
| English Sole Landed <sup>34</sup> | -                            | -                         | -                                         |
| Processed:                        |                              |                           |                                           |
| Fresh or Frozen                   | 6                            | 9                         | 1.57                                      |
| Fillets, Fresh                    | 41                           | 225                       | 5.48                                      |
| Fillets, Frozen                   | 10                           | 52                        | 5.33                                      |
| Total Wholesale Value             | -                            | 286                       | -                                         |
| Petrale Sole Landed <sup>34</sup> | -                            | -                         | -                                         |
| Processed:                        |                              |                           |                                           |
| Fresh                             | 52                           | 87                        | 1.66                                      |
| Frozen                            | 33                           | 78                        | 2.37                                      |
| Fillets, Fresh                    | 59                           | 371                       | 6.32                                      |
| Fillets, Frozen                   | 19                           | 136                       | 7.04                                      |
| Total Wholesale Value             | -                            | 672                       | -                                         |

TABLE 29 - CONT'D

| <u>SPECIES</u>                    | <u>QUANTITY<br/>(Tonnes)</u> | <u>VALUE<br/>(\$'000)</u> | <u>AVG. PRICE<sup>2</sup><br/>(\$/KG)</u> |
|-----------------------------------|------------------------------|---------------------------|-------------------------------------------|
| Rock Sole Landed <sup>34</sup>    | -                            | -                         | -                                         |
| Processed:                        |                              |                           |                                           |
| Fresh                             | 17                           | 16                        | 0.96                                      |
| Fillets, Fresh                    | 169                          | 893                       | 5.29                                      |
| Fillets, Frozen                   | 179                          | 971                       | 5.43                                      |
| Other <sup>35</sup>               | -                            | 12                        | -                                         |
| Total Wholesale Value             | -                            | 1,892                     | -                                         |
| Other Sole, Landed                | 3,225                        | 2,072                     | 0.64                                      |
| Processed:                        |                              |                           |                                           |
| Fresh or Frozen                   | 168                          | 376                       | 2.24                                      |
| Fillets, Fresh                    | 193                          | 1,078                     | 5.59                                      |
| Fillets, Frozen                   | 55                           | 297                       | 5.40                                      |
| Other <sup>36</sup>               | -                            | 157                       | -                                         |
| Total Wholesale Value             | -                            | 1,908                     | -                                         |
| <u>SQUID</u>                      |                              |                           |                                           |
| Landed                            | 14                           | 17                        | 1.27                                      |
| Processed:                        |                              |                           |                                           |
| Fresh                             | 4                            | 9                         | 2.05                                      |
| Other <sup>37</sup>               | -                            | 16                        | -                                         |
| Total Wholesale Value             | -                            | 25                        | -                                         |
| <u>STURGEON</u>                   |                              |                           |                                           |
| Landed                            | 8                            | 12                        | 1.55                                      |
| Processed:                        |                              |                           |                                           |
| Fresh                             | 2                            | 6                         | 3.41                                      |
| Other <sup>38</sup>               | -                            | 5                         | -                                         |
| Total Wholesale Value             | -                            | 11                        | -                                         |
| <u>TUNA</u>                       |                              |                           |                                           |
| Landed (B.C. Ports) <sup>39</sup> | -                            | -                         | -                                         |
| Processed:                        |                              |                           |                                           |
| Frozen                            | 34                           | 110                       | 3.25                                      |
| Other                             | -                            | 13                        | -                                         |
| Total Wholesale Value             | -                            | 123                       | -                                         |
| <u>TURBOT</u>                     |                              |                           |                                           |
| Landed                            | 360                          | 75                        | 0.21                                      |
| Processed:                        |                              |                           |                                           |
| Fillets, Fresh                    | 25                           | 56                        | 2.26                                      |
| Fillets, Frozen                   | 45                           | 128                       | 2.85                                      |
| Other <sup>40</sup>               | -                            | 1,062                     | -                                         |
| Total Wholesale Value             | -                            | 1,246                     | -                                         |
| <u>MISCELLANEOUS FISH</u>         |                              |                           |                                           |
| Landed <sup>41</sup>              | 550                          | 114                       | -                                         |
| Processed:                        |                              |                           |                                           |
| Other Products <sup>42</sup>      | -                            | 3,281                     | -                                         |
| Total Wholesale Value             | -                            | 3,281                     | -                                         |

TABLE 29 - CONT'D - FOOTNOTES

- 1 Any discrepancy in value figures is due to rounding.
- 2 Average price is based on totals prior to rounding.
- 3 Includes fresh meat and other abalone products.
- 4 Included in "other clams".
- 5 Includes fresh and frozen whole butter clams, canned nectar and chowder products.
- 6 Includes other geoduck products.
- 7 Includes horse clams.
- 8 Includes fresh or frozen clam meat, canned, bait, horse clam neck meat and other products.
- 9 Includes canned and other products.
- 10 Includes frozen dogfish products.
- 11 Includes frozen and other eulachon products.
- 12 Quantity reported in round weight.
- 13 Includes blocks, roe and other grey cod products.
- 14 Includes frozen hake and other products.
- 15 Includes fresh fillets, blocks and other halibut products.
- 16 Includes herring spawn on kelp.
- 17 Includes mature and immature roe.
- 18 Includes fresh herring, kippers and kippered snacks, pickled, frozen for roe, carcasses for export, fillets and other herring products.
- 19 Includes frozen lingcod blocks, surimi and other products.
- 20 Includes canned and other oyster products.
- 21 Includes blocks and other Pacific ocean perch products.
- 22 Includes frozen pollock, blocks, surimi and other products.
- 23 Includes 124 tonnes of prawns worth an estimated \$798 thousand not reported on sales slips.
- 24 Included in rockfish.
- 25 Includes other red snapper products.
- 26 Includes salmon roe.
- 27 Includes specialty packs.
- 28 Includes "No. 1 Grade" and "other grades."
- 29 Includes frozen round salmon, offal, offal meal, oil, heads, bait, milts and other products.
- 30 Includes other sea urchin products.
- 31 Includes shrimp products derived from imported shrimp.
- 32 Includes canned shrimp and other products.
- 33 Includes frozen skate and other products.
- 34 Included in "other sole."
- 35 Includes frozen rock sole, blocks, and other products.
- 36 Includes other sole products.
- 37 Includes frozen squid and fresh and frozen bait.
- 38 Includes frozen, smoked and other sturgeon products.
- 39 Does not include 18 tonnes worth \$61,207 caught in U.S. waters and landed in Canada as well as 29 tonnes caught in U.S. waters valued at \$51,934 and landed at U.S. ports by Canadian fishermen.
- 40 Includes frozen turbot and other products.
- 41 Includes non food fish, crayfish, snails, sea cucumber, idiotfish, mackerel and plankton.
- 42 Includes "other groundfish," "portions, sticks and specialty" products, "other shellfish," fish meal n.e.s., fish oil, n.e.s, solubles n.e.s., and kombu.

### III. LICENCING OF THE B.C. FISHING AND FISH PROCESSING SECTORS - 1984

The total number of personal commercial fishing licences issued by the Department of Fisheries and Oceans in 1984 declined by 5 percent from 15,439 in 1983 to 14,647. Due to the fact that 1984 was the third year in which a 5 year licence was issued, the overall decline in numbers of licences issued may not actually reflect a decrease in the number of people licenced to fish - i.e. holders of 5 year licences only renew every five years. A total of 487 5 year licences, as well as 14,160 traditional 1 year licences were issued compared to 749 and 14,690 issued in 1983 respectively. It should be noted that a total of 3,027 5 year licences were valid during 1984.

In overall terms, the number of licences issued by the Department of Fisheries and Oceans for commercial fisheries remained relatively constant for the fourth year in succession. In 1984 there was a dramatic increase in the number of exclusive Northern Native Fishing Corporation (N) licences issued, from 139 in 1983 to 251. This was due to the fact that a substantial number of category A licences were surrendered by the NNFC, and in turn, the Department of Fisheries and Oceans issued N licences in their place upon application. These licences, held by the NNFC, are leased to individual native fishermen. Consequently, the total number of A licences issued in 1984 dropped from 3,782 to 3,679. The number of temporary B licences issued dropped significantly in 1984. This resulted from the fact that the term of most B licences expired on December 31, 1983, and vessel owners were eligible in 1984 to apply for C licences to replace the B. Also, since 1983, specific limited entry licences have been issued for geoducks and spawn-on-kelp fisheries which were previously permit fisheries. In 1984 28 spawn-on-kelp licences were issued along with 54 geoduck licences.

The number of fish processing plants licenced by the Ministry of Environment decreased by 13 percent in 1984, from 213 to 186. The number of salmon processing licences issued declined while the numbers of roe herring and invertebrate licences rose slightly. No marine plant processing licences were issued in 1984.

The number of fish buying licences issued to persons and/or companies decreased for the third consecutive year. A total of 417 were issued in 1984, compared to 500 in 1983, a drop of 20 percent. Specifically, the number of fish buying decals issued were: 281 for salmon, 178 for roe herring, 96 for other finfish and 67 for invertebrates. A total of 272 fisherman's vending licences were also issued in 1984; as compared to 347 in 1983. Finally, 127 oyster picking permits and 27 marine plant harvesting permits were issued by the Ministry of Environment.

TABLE 30 - THE NUMBER OF PERSONAL COMMERCIAL FISHING LICENCES ISSUED BY THE DEPARTMENT OF FISHERIES AND OCEANS: BY CITY 1982-1984<sup>1</sup>

|                      | <u>1982</u>   |               | <u>1983</u>   |                           | <u>1984</u>   |                           |
|----------------------|---------------|---------------|---------------|---------------------------|---------------|---------------------------|
|                      | <u>1 Year</u> | <u>5 Year</u> | <u>1 Year</u> | <u>5 Year<sup>2</sup></u> | <u>1 Year</u> | <u>5 Year<sup>2</sup></u> |
| KAMLOOPS             | 6             |               | 7             |                           | 7             |                           |
| NEW WESTMINSTER      | 2,548         | 36            | 2,341         | 126                       | 2,161         | 154                       |
| NANAIMO              | 3,226         | 240           | 3,279         | 99                        | 3,334         | 59                        |
| PORT ALBERNI         | 1,418         |               | 1,351         |                           | 1,340         |                           |
| CAMPBELL RIVER       | 2,143         |               | 2,129         |                           | 2,097         |                           |
| KITIMAT              | 396           |               | 391           |                           | 314           |                           |
| PRINCE RUPERT        | 1,424         | 369           | 1,349         | 73                        | 1,321         | 55                        |
| QUEEN CHARLOTTE CITY | 423           |               | 282           |                           | 322           |                           |
| VICTORIA             | 1,704         |               | 1,601         |                           | 1,455         |                           |
| VANCOUVER            | 2,086         | 1,228         | 1,915         | 451                       | 1,782         | 219                       |
| WHITEHORSE           | 51            |               | 45            |                           | 27            |                           |
| TOTAL                | 15,425        | 1,873         | 14,690        | 749                       | 14,160        | 487                       |

<sup>1</sup> Information provided by the Licencing Section, Department of Fisheries and Oceans.

<sup>2</sup> A total of 2609 5 year licences were valid during 1983 and 3,027 5 year licences were valid during 1984.

TABLE 31 - THE NUMBER OF LICENCES ISSUED FOR COMMERCIAL FISHERIES BY  
THE DEPARTMENT OF FISHERIES AND OCEANS:  
BY FISHERY AND LICENCE CATEGORY

1982 - 1984<sup>1</sup>

| <u>FISHERY</u>        | <u>LICENCE<br/>CATEGORY</u> | <u>1982</u> | <u>1983</u>                    | <u>1984</u>                  |
|-----------------------|-----------------------------|-------------|--------------------------------|------------------------------|
| Salmon                |                             |             |                                |                              |
| Non-Indian            | A                           | 4,112       | 3,782                          | 3,679                        |
| Indian                | AI                          | 358         | 550 <sup>2</sup> (A seine)     | 551 <sup>2</sup> (Seine)     |
| Temporary             | B                           | 168         | 155                            | 10                           |
| N.N.F.C. <sup>3</sup> | N                           | -           | 139                            | 251                          |
| Salmon Subtotal       |                             | 4,638       | 4,626                          | 4,491                        |
| Roe Herring           |                             |             |                                |                              |
| Non-Indian            | H                           | 1,111       | 1,325 (H Gillnet) <sup>4</sup> | 1,326 (Gillnet) <sup>4</sup> |
| Indian                | HI                          | 460         | 252 (H Seine) <sup>4</sup>     | 251 (Seine) <sup>4</sup>     |
| Roe Herring Subtotal  |                             | 1,571       | 1,577 <sup>5</sup>             | 1,577 <sup>5</sup>           |
| Spawn on Kelp         | J                           | -           | 28                             | 28                           |
| Halibut               | L                           | 433         | 429                            | 433                          |
| Groundfish Trawl      | T                           | 147         | 139                            | 141                          |
| Shrimp Trawl          | S                           | 247         | 243                            | 242                          |
| Sablefish             | K                           | 45          | 44                             | 46                           |
| Abalone               | E                           | 26          | 26                             | 26                           |
| Geoduck               | G                           | -           | 46                             | 54                           |
| Selected Species      | C                           | 1,072       | 1,010                          | 1,111                        |

<sup>1</sup> Information provided by the Licencing Section, Department of Fisheries and Oceans.

<sup>2</sup> Gear distinction for Salmon seine licences in 1983 and 1984.

<sup>3</sup> Northern Native Fishing Corporation exclusive licences.

<sup>4</sup> Roe Herring licences differentiated by gear type for 1983 and 1984.

<sup>5</sup> Of the 1577 Roe Herring licences, in 1983, 460 were HI and in 1984, 464 were HI.

TABLE 32 - THE NUMBER OF LICENCES ISSUED FOR COMMERCIAL FISHERIES BY

THE DEPARTMENT OF FISHERIES AND OCEANS:

SPECIAL FISHERIES (Z) - UNLIMITED ENTRY - 1983 - 1984<sup>1</sup>

|                                                           |   | <u>1983</u> | <u>1984</u> |
|-----------------------------------------------------------|---|-------------|-------------|
| <b>B. Unlimited Licences</b>                              |   |             |             |
| Packing                                                   | D | 227         | 211         |
| Processor                                                 | P | 3           | 4           |
| <br><b>Special Fisheries - Fishing with a Vessel Z</b>    |   |             |             |
| Clams                                                     |   | 1           | 1           |
| Weathervane Scallops                                      |   | 18          | 6           |
| Red Sea Urchin                                            |   | 64          | 85          |
| Sea Cucumber                                              |   | 44          | 29          |
| Squid Species                                             |   | 165         | 99          |
| Euphausiid                                                |   | 7           | 8           |
| Copepod                                                   |   | 0           | 0           |
| Prawn                                                     |   | 568         | 693         |
| Pink or Spiny Scallop                                     |   | 11          | 17          |
| Octopus                                                   |   | 131         | 84          |
| Anchovy                                                   |   | 54          | 20          |
| Surf and Pile Perch                                       |   | 14          | 35          |
| <br><b>Special Fisheries - Fishing Without a Vessel Z</b> |   |             |             |
| Mussel                                                    |   | 19          | 12          |
| Welk                                                      |   | 0           | 0           |
| Winkles                                                   |   | 0           | 1           |
| Top Snail                                                 |   | 0           | 1           |
| Limpet                                                    |   | 0           | 1           |
| Goose Barnacle                                            |   | 2           | 18          |
| Octopus                                                   |   | 20          | 13          |
| Smelt                                                     |   | 17          | 25          |
| Eulachon                                                  |   | 6           | 3           |

<sup>1</sup> Information provided by the Licencing Section, Department of Fisheries and Oceans.

TABLE 33 - THE NUMBER OF FISH PROCESSING, FISH BUYING AND FISHERMAN'S VENDING LICENCES ISSUED BY THE MINISTRY OF ENVIRONMENT:  
BY LICENCE TYPE - 1983 - 1984<sup>1</sup>

|                                         | <u>1983</u>    | <u>1984</u>    |
|-----------------------------------------|----------------|----------------|
| <u>Processing Licences</u>              |                |                |
| Commercial Salmon Cannery               | 18             | 13             |
| Sport Caught Salmon Cannery             | 1 <sup>2</sup> | 2 <sup>2</sup> |
| Salmon                                  | 135            | 90             |
| Roe Herring                             | 36             | 38             |
| Fin Fish                                | 79             | 76             |
| Invertebrates                           | 73             | 87             |
| Cold Storage:                           |                |                |
| a. over 80 m <sup>3</sup>               | 61             | 53             |
| b. under 80 m <sup>3</sup>              | 37             | 44             |
| Marine Plants                           | 1              | 0              |
| <u>Buyer Licence Decals Issued</u>      |                |                |
| Salmon                                  | 320            | 281            |
| Roe Herring                             | 236            | 178            |
| Fin Fish                                | 110            | 96             |
| Invertebrates                           | 80             | 67             |
| <u>Fisherman's Vending Licences</u>     | 347            | 272            |
| <u>Oyster Picking Permits</u>           | 133            | 127            |
| <u>Marine Plant Harvesting Licences</u> | 21             | 27             |

<sup>1</sup> Covers the fiscal year period from April 1 to March 31.

<sup>2</sup> Three and four companies were licenced to can sport caught fish in 1983 and 1984 respectively; in each year, two were already covered by commercial salmon cannery licences while the others were exclusively licenced as sport caught canneries.

TABLE 34 - CANADIAN CONSUMER PRICE INDEX FOR ALL ITEMS AND  
SELECTED FOOD ITEMS FOR 1973 - 1984

1981 = 100

| <u>YEAR</u> | <u>ALL ITEMS</u> | <u>FISH</u> | <u>POULTRY</u> | <u>MEAT</u> |
|-------------|------------------|-------------|----------------|-------------|
| 1973        | 47.6             | 38.9        | 49.6           | 48.0        |
| 1974        | 52.8             | 48.3        | 56.3           | 51.5        |
| 1975        | 58.5             | 50.0        | 61.2           | 53.7        |
| 1976        | 62.9             | 55.0        | 63.1           | 52.9        |
| 1977        | 67.9             | 60.7        | 63.3           | 54.2        |
| 1978        | 73.9             | 69.2        | 72.7           | 72.1        |
| 1979        | 80.7             | 76.9        | 82.4           | 87.8        |
| 1980        | 88.9             | 87.4        | 86.1           | 93.2        |
| 1981        | 100.0            | 100.0       | 100.0          | 100.0       |
| 1982        | 110.8            | 109.5       | 104.4          | 105.0       |
| 1983        | 117.2            | 115.0       | 107.8          | 105.8       |
| 1984        | 122.3            | 120.6       | 114.6          | 110.8       |

Source: - Canada, Statistics Canada, Consumer Prices and Price Indexes,  
October - December, 1984. Ottawa: Supply and Services  
Canada, March 1985.

- Table 8: Consumer Price Index for Canada, All Items,  
1973-1984, p. 24.

- Table 9: Consumer Price Index for Canada - Main  
Components, Sub-groups and Selected Items, pp. 25-26.

- Personal Communication, Statistics Canada, July 12, 1985.